



# DX NEWS

*the magazine of the  
National Radio Club*

**SINCE 1933**

Volume 49, Number 18 Monday, February 15, 1982

## STATIC FROM HQ

This issue of DX News comes to you from the Western office of NRC Headquarters, Gary's kitchen table in Western Louisville. On hand also is member Bob Walker. Lots of odds and ends this week, so let's get started. This week we'll stick with a regular sized 24 page-on hold are several short articles we'll use as space permits in future issues.

From Mark Connally we learn that he is now the proud father of a new son born Jan. 28th. Congratulations to Mark and Mary Lou on their new future DXer, Michael Mark!!

M. J. Stutterheim advises that he has several old Broadcasting Yearbooks for sale. 1964, '66 and '71 issues for \$10.00 each, '73 for \$12.50, '76 for \$14.00 and '77 for \$15.00. Also he has the '72 and '71 WATH for \$8.00 each. If interested, write Matt at 510 Main St., Apt. 732, Welfare Island, NY 10046.

Also, as a point of interest, the Seventh Edition of the FM Atlas and Station Directory by Bruce Elving is now in print. Orders should be sent to: FM Atlas, 4515 Avenue "E", Kearney, NE 68847. One copy in \$6.95, two or more copies are \$5.00 each. Add 50¢ per order for postage.

From George Nitsho we learn that Communications World ceased publication with the 1981 edition. His correspondence indicates that the ONLY possible replacement for the White Radio Log would be the 14th edition of Vano Jones Log published by Sams. Well folks, to set the record straight, the most comprehensive AND current information available for the Broadcast Band has always been and will continue to be the NRC Domestic Log!! And the NRC Log is NOT dead. Late word from Ron Musco indicates that typing is completed through 1970 and updating is done through 1980 already. We are also looking at the possibility of going to a 3 ring binder format for the 6th edition in hopes that updating can be made easier for future editions. So, spread the word one and all that the NRC Domestic Log is in the works and should be released by late Spring at the latest. Again we wish to stress that no firm dates or prices have been established as of yet-so DO NOT send any advance orders until we solicit them. We also have had several suggestions concerning future computerization of the Log-these have been forwarded on to Ron Musco who has taken over the Log project. Any late updaters should likewise be sent directly to Ron c/o NRC Membership Center, P.O. Box 118, Poquonock, CT 06064.

## THEY JOINED

Welcome to the following new members. Muse soon and introduce yourselves!!

Tom Dewitt (AK5E), 8403 Silver Ridge Dr., Austin, TX 78759.

Reno J. Navarini, 317 O'Connor St., Clarksburg, WV 26301

The following members have recently renewed their membership. Thanks to all for your vote of confidence. Scott Parker, Barry Wasyluk, John Hneria, Ernie Wasolowski, Eric Cruiser, Douglas White, Carleton Lord (the original RADEX DXer), Michael Sapp, George Sherman, Glenn Jacobs, George Herr, Donald Vojta, Ron Schatz, Denny Adkins, Jack Woods, Dan Cline (2 yrs.), Robert Yentoma, Robert Bennison, Ernie Moore, Ray Arruda, M.J. Stutterheim, Eric Norberg, Dave Fischer, Ed Satterwhite, Ned Duval, Harry Adelmann, Robert Lohman, Harry Morgan, Leon MacGill, Louis Poda and Raymond Sahlbach. THANKS!!

## CPC TESTS

One test in the immediate future. We hope that many received the WPLS-1350 info in time last week to use it on 2/8

3/1 WND-560 Monroe, MI 0300-0400 EST using music, tones, sweep tones, ID tape loops, etc. Will use 500 watts non-directional from 0300-0320, will be silent 0320-0330 and then use 500 watts directional from 0330-0400. Per a late call from Fred Vobbe, visitors will be welcome at the station during the test and prepaid calls will be accepted at (313) 241-5550. Fred is still accepting any suggestions as to the format of test. Report to: Fred Vobbe, WND Transmitter Site, 5305 Vineyard, Monroe, MI 48161, arranged by Frank Merrill & Gary Siegel/NRC.

## LOOK INSIDE

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# ② DOMESTIC DX DIGEST

DAVE SCHMIDT  
42 CHELWYNNE RD.  
CASTLE HILLS  
NEW CASTLE, DE 19720

Here is the NRC column which is about as exciting as reading the great new publication, "25 Things You Can Do With Cole Slaw" of which 13 are illegal! When sending your items in, please keep them on one side of the paper, type or neatly write, ELT, skip a line between items. On:

SPECIAL: 600 WOKV FL Jacksonville - Noted 1/28 1735-1747 w/MoR, OK-60 ID's, not heard since WFDQ days. (DS-DE)

710 KNUS CO DENVER - 1/11 first day back with new news, talks, sports, interview format. Station was off the air completely from 12/26 thru 1/10. (RH-CO)

780 KAZM AZ SEDONA - 1/12 o/KROW 1911 w/time and ID after news, local ads, good signal. Also noted 1/13. This is their new frequency. (DKK-CA) What was their OED freq.? (DS)

KBOS NV RENO - 1/12 1910-1945 noted w/rock music, vying w/KAZM, alone after KAZM power/pattern change. Ex-KCRL. (DKK-CA)

930 CKNS ON ESPANOLA - 1/18 0110 mixing w/WBEN w/standard C3C o/off. (RA-WA) 1/24 0234 strong, noisy OC noted here, way o/WBEN. Suspect CKNS now off the CKNA/CJNR hookup. (DS-DE)

1020 KCBQ NM ROSWELL - This station has been off the air for about the last month due to a fire at the transmitter. This info from call to another station in that area. (AB-TX)

1190 WHEY AL MOULTON - 1/23 0110-0130 on the air w/tornado information, CW music. States they would be on the air during any tornado watch or warning as a public service. (AB-TX)

1260 KELL MI ALBION - 1/7 1700 w/new calls, ex-WALM. They picked up the P-M calls of KELL in Marshall, MI. (IN-MI)

1440 WSNP FL LEHIGH ACRES - 1/24 1747-1749 weak but alone w/rock music, ID, weather then more music, ex-WAYK. (SP-NJ)

1530 KSMM MN SHAKOPEE - 1/22 1959 on the air past regular s/off at request of local Civil Defense due to blizzard, w/weather and such. S/off was 2003 while lights blinked here. (MK-WI)

1570 KMMN MI FLINT - 1/26 1705 first time noted on new calls, w/CW music, ex-WLQB. (IN-MI)

## DX TESTS:

890 KBYE Heard: NZ-NE.  
960 WJCH Heard: IN-MI.  
Not heard: NZ-NE.  
1060 KHYK Not heard: RA-MA.  
1340 WSAJ Not heard: DS-DE, IN-MI, RA-MA, NZ-NE.  
1350 WBET Heard: RA-MA.  
Tentative: IN-MI.  
Not heard: NZ-NE.  
1570 WIGB Not heard: NZ-NE.



## REQ. CHECKS:

4th MON - Per v/l, KPLA-1310 0545-0600. (NZ-NE)  
4th THU - WHPL-610 not heard. (DS-DE)

## MIDDAY - MIDNITE:

540 KVIP CA REDDING - 1/12 1954 w/vocal SSS then s/off, that's odd! (DKK)  
KMAX UT DELTA - 1/12 1929 w/ID after flute like music, then into full s/off w/no KVIP. (DKK-IA) 810!

680 WRKO MA BOSTON - 1/16 1620 talk, ID's, atop briefly. (IF-PA)  
UNID 1/20 1722 weak u/WCBM w/stock market report, WRKO? (SP-NJ) At this hour, I've usually heard WRNG w/this type of stuff, likely they. (DS)

730 KSVN UT OGDEN - 1/12 1917-1921 nicely atop w/CW music, ads, ID, time check then more CW. (DKK-CA)

790 KERY ID SODA SPRINGS - 1/12 1915 atop w/location and complete s/off leaving KABC. (DKK-IA) Point 'em this way! (DS)

KGHL MT BILLINGS - 1/12 2000 atop w/ID then news, this guy gets out well! (DKK-IA) Verified their i/c here! (DS)

KJRB WA SPOKANE - 1/13 1945-1948 w/rock music, ads, atop news. (DKK)

800 KREI MO FARMINGTON - 1/6 1720-1735 w/SSB music, ABC news on 3 hour then news by female. (NZ-NE)

870 KIEV CA GLENDALE - 1/12 1900-1915 xlat signal, still not on full-time. (DKK-IA)



1950 AM

910 K3IX NY ROSWELL - 1/22 1901 w/A3C news, local ads, Paul Harvey news, Must have been on day pattern as dropped out at 1915 (SHP-LA)  
Or on drugs? (DS)

KGLC OK MIAMI - 1/22 1934 w/OK News Network news, PSA, ID then CW music, good o/KRID/KIKM/WOKK! (SHP-LA)

920 KDES CA PALM SPRINGS - 1/13 1938-1945 atop w/rock music, ID's as "K-des", no KNEW splash. (DKK-CA)

CFLS PQ LEVIS - 1/26 1648 strong in WTM null w/usual Top 40 music, french anc'r, sun still up and this strong already? (DS-DE)

930 CKNS ON ESPANOLA - 1/28 1705 very strong w/female anc'r w/news, ads for Elliott Lake, audio was distorted. (DS-DE)

940 KADO TX TEXARKANA - 1/20 1300 noted w/CW music sets, ads in a block, and ID, barely noted u/TON. (CG-TX)

1110 CKJD ON SARNIA - 1/20 1709 good w/sports news, ad. (SP-NJ)

1130 WQXI MI DETROIT - 1/20 1705-1708 strong but fading w/music, sports, talk. Can't remember how long ago they changed calls, can you, Dava? (SP-NJ) What is this? Trivia? When I first heard them they were WCAR! Big deal! (DS)

1190 KLFN TX DALLAS - 1/24 1805 area weather, CW music, fair to good signal for about a minute. (MK-WI)

1290 WMSA GA SAVANNAH - 1/27 1717 w/ID into music from my hero, Barbara Streisand! (SP-NJ)

WIRE IL PEORIA - 1/27 1718 good w/CW music, ID. New, during nice opening to mid-west! (SP-NJ) Before you ask....yes, I heard them when they were a Top 40 station...verified! (DS)

1300 WOSC NY FULTON - 1/18 1644-1652 poor u/WAVZ/WQEK w/ID's, pop music and station promos. (RA-MA)

1320 KWHN AR FORT SMITH - 1/22 1824 w/"K-WHEN" ID's, "More of the Music You've Asked For." CW music, mixing badly w/Mexican. (SHP)

1340 WRAW PA READING - 1/16 1655 Nat'l Music Survey program, ads, running even w/WHAT. (TF-PA) A race? (DS)

1370 WSPD OH TOLEDO - 1/18 2135 all alone w/o sign of WSAY w/Univ. of Toledo Basketweaving! (TF-PA)

KTPA AR PRESCOTT - 1/21 1539 w/ads, ID, seems to be a semi-here.

KDTH IA DUBUQUE - 1/21 1859 w/local news and weather, mention of heavy snow warnings, AP news on hour. CP for 5000 watts must be on now! (SHP-IA)

1380 WNVR CT NAUGATUCK - 1/26 1753 in WAMS null w/ad, ID. Is this the old WOOW? (SP-NJ) You usin' a log from RADEX or somethin'?

1390 WCSC SC CHARLESTON - 1/26 1750-1757 fighting but losing to WEAM w/music, ads, talk. (SP-NJ)

1400 UNID 1/22 2025 noted again today w/same female anc'r, Top 40 music, calls sounded 100% like WOOU. (MK-WI)

1410 WPGC SC CLINTON - 1/24 1745 weak u/WDOV w/s/off, this during Super-bowl halftime. (SP-NJ)

1420 KEDD PA DUBOIS - 1/26 1743 w/ID into music, heard at sunrise also within a week. (SP-NJ) Who cares! (DS)

1440 WABO OH WARREN - 1/26 1744 this regular in at regular strength (good) w/regular music and regular blah, by regular anc'r that sounded to be a regular guy! (SP-NJ) My meter is reading a short here for some reason! (DS)

WROK IL ROCKFORD - 1/27 1705-1706 fair w/weather then news. (SP-NJ)

WHSI 4V BLUEFIELD - 1/26 1742 strong w/ID, then faded. (SP-NJ)

WGEM IL QUINCY - 1/21 1754 good o/WHYY w/local college spot, local weather, gone at 1800 pattern change. (SHP-IA)

WHEY AL MONTGOMERY - 1/21 1800 w/ID, local weather after WGEM left, ID then they went at 1804 pattern change. (SHP-IA)

1470 KRCG TX ABILENE - 1/22 2048 w/ID, local news then MoR music, seemed very strong in this area! (SHP-IA) Here, too! (JS-OH)

1480 WCONS PA LATROBE - 1/29 1715 briefly atop at s/off, "Westmoreland County's Best Country". No SSB. Leaving WUEZ (natch!) (DS)

1510 KDVZ TX PORT ARTHUR-NEDERLAND - 1/22 1744 "K-Dove" ID's noted here mention of Port Arthur-Beaumont Triangle area, REL format. Last logged/verified as KKYR back in '78, could this be them? (SHP-IA)

1530 KBCX NE LINCOLN - 1/22 1728 w/ads, ID, weather, topped usual WCKY.

1540 WMDO ND WHEATON - 1/20 1714 poor w/s/off, never verified as WDON, wonder if he will now. (SP-NJ) Send 'em \$25! (DS)

1550 UNID 1/24 1815 carrier noted here, strong enough to be semi-local WQHM, looped S-W. (MK-WI)

1560 KCJZ IA IOWA CITY - 1/22 2010 good w/sports and weather, talk on ice storm currently in progress. (MK-WI)

1570 KTUI MO SULLIVAN - 1/24 1815 good w/last part of s/off w/SSB. (MK-WI) 1/21 2038, 1/22 2010, 1/24 2037 strong heat noted here, not noted 1/23. Help? (MK-WI)

1600 WEFU AL HUNTSVILLE - 1/21 1741 w/ID, ad, jingle. Fought losing battle to KATZ then gone completely. (SHP-LA) That doesn't even happen around here! (DS)

MIDNITE - MIDDAY:

540 CBT NF GRAND FALLS - 1/25 0341-0434 good on ET w/non stop music then right into s/on w/o Canada, ID, morn. program. (RA-MA)  
 600 WOKV FL JACKSONVILLE - 1/29 0030 noted w/full ID during break in Larry King then Mutual news, atop Cuban. (DS-DE)  
 620 KTAR AZ PHOENIX - 1/18 0331 w/ID, mention of "KTAR News Radio" then back to Larry King. (DKK-CA)  
 680 CIYQ NF GRAND FALLS - 1/24 0325-0338 weak in WRKG null w/CW music, "Q Radio" ID's, news w/Jerry Phelan. (RA-MA)  
 770 WABC NY NEW YORK - 1/25 noted completely off in passing 0452, s/on 0500 w/news. (RA-MA)  
 790 WNWJ FL SOUTH MIAMI - 1/29 0013 on top w/local tele-talk show, +20 o/S-9 and solid! (DS-DE)  
 910 WRNL VA RICHMOND - 1/25 0127-0131 atop w/CW music, "Country 91, WRNL" ID's. (RA-MA) You expected WJYR? (DS)  
 950 WPBN PA PHILADELPHIA - 1/25 0010 noted w/TT in progress, back on reg. sked at 0222 check. (DS-DE)  
 1050 CPYK ON SAULT STE. MARIE - 1/25 0219-0313 o/CHUMP at times w/ Gary Roberts show, mix of pop/oldies, ads, weather, sports. WHN was off this AM. (RA-MA)  
 1100 WNEE OH CLEVELAND - 1/24 0200 noted off this SUNDAY AM, noted on reg. sked MM 1/25. (DS-DE)  
 1110 WBT NC CHARLOTTE - 1/26 0130 u/KFAB w/CW music, truck stop ads, country weather conditions, music noted u/KFAB's talk, 1st time heard in these parts. (CG-TX)  
 KFAB NE OMAHA - 1/24 0225 w/ID between MoR, good w/WBT off. (DS-DE)  
 1150 WHUN PA HUNTINGTON - 1/23 0706-0727 old CW standards, ads, some MoR music, mixing w/WDEL, not heard in a while. (TF-PA)  
 WHUE MA BOSTON - 1/25 noted this MM on these calls, ex-WSNY. (RA) STAN beat you on this one last week, Ray-hi! (DS)  
 1190 WDWG IN FORT WAYNE - 1/25 0018 s/off noted w/SSB, carrier off quick leaving a loud CHTN. (DS-DE)  
 1220 WGNV NY NEWBURGH - 1/23 1153-1210 MoR mix, storm cancellations, news, weather, weak but steady signal between WCAU and WEEK, heard only at sunset and sunrise in past. (TF-PA)  
 1240 KOKL OK OKMULGEZ - 1/21 0059 w/ID, s/off w/SSB at 0101, which topped channel o/UNID w/classical (likely WGRM). (SHP-LA)  
 UNID 1/21 0038 w/blend of ZZL and CDA music, heard u/KOKL before s/off, stronger later, suspect WGRM. Tape playback was to muddled. (SHP-LA)  
 UNID 1/21 0105 w/Larry King, weather break mentioning chance of heavy snow w/freezing drizzle. No idea who! (SHP-LA)  
 1250 KOKF AR LITTLE ROCKS - 1/26 0100 w/ID between soul music for 60's and 70's. (CG-TX)  
 1260 WEZE MA BOSTON - 1/18 0120 ET in progress w/ID, OC/TT mentioning "studios and transmitter located at 100 Riverside Avenue, Milton, Mass." (RA-MA)  
 KGBX MO SPRINGFIELD - 1/25 0134-0150 mostly on top w/MoR, rock oldies, phone in requests, mention of CBS Mystery Theatre at 0408. No sign of usual past WWDG, bits of WHTT also. (DS)  
 CPBN AB EDMONTON - 1/18 0400 good and atop w/news, KYA off. (DKK-CA)  
 1320 WCOG NC GREENSBORO - 1/25 0048 noted again w/record survey promo, jingle/ID, rock music, "The New WCOG", strong but faded. SENDS A NICE V/LI (DS-DE)  
 1360 WNNJ NJ NEWTON - 1/23 1054-1125 standards, ID's as "The Station of the State." Ad news, noted in past at sunrise only. (TF-PA)  
 1410 WELM NY ELMIRA - 1/25 0210 on top of usual WPOP/WING/KQV w/rock music, female anc'r. Must be WSP now? (DS-DE)  
 1420 WGCD PA DUBOIS - 1/21 0557 weak w/s/on w/SSB, change from 0630 listed in log. (SP-NJ) Chuck it!  
 WBSM MA NEW BEDFORD - 1/18 noted off this MM, signed off BEFORE midnight even! (RA-MA)  
 WBSC MA PITTSFIELD - 1/18 0000 fair w/ABC news to midnite, AM-FM ID, rare in this area due to WBSM. (RA-MA)  
 1470 WHIG NC GREENSBORO - 1/21 0559 good w/school delays, ID then CBS news, regular here. (SP-NJ)  
 1520 WKBN NY BUFFALO - 1/18 0117 noted off and testing, later noted off completely. (RA-MA)  
 WOHE PA WEST CHESTER - 1/26 0000-0135 ET w/rock music, beep tone for f/a 0025-0049. (DS-DE)

Radio Lancaster

WMMJ

WOYK 13½ am

HERE'S A HOT ONE....

1616 PIRATE 1/31 0115-0434 "PRC - Pirate Radio Central" noted very strong this AM, rock music (oldies), commentary, taking phone calls w/calls noted from Michigan, Chicago, Washington, DC, Mass., Delaware and a couple from Canada. And'r was "Pirate Joe." S/off w/Amazing Grace. Phone number was a Manhattan (NY) exchange. (RA-MA)

Thanks to Ray Arruda who phoned in the above, he missed me the 1st time (asleep), the 2nd time (store visit) and caught me the 3rd time. I'm back on the 10:30p-6:30a shift for now, don't know how long it'll last this time.

Next week, in this space we will tell the true story from Orville Redenbacher on the uses of his pop corn in modern living in the Yukon, all of which are disgusting!

THE LINE-UP THIS WEEK:

IN-MI	Ian Harris, Milan, MI
SHP-LA	Steve Ponder, Bossier City, LA
AB-TX	Artie Bigley, Houston, TX
DKK-CA	Don Kaskay, San Francisco, CA
TF-PA	Tony Fitzherbert, Chalfont, PA
NZ-NB	Neil Zank, Lincoln, NE
RA-MA	Ray Arruda, Acushnet, MA
SP-NJ	Steve Paradies, Millville, NJ
CG-TX	Charles George, Dallas, TX
RH-CO	Rob Harrington, Englewood, CO
MX-WI	Mike Knitter, Cambridge, WI
RK-IL	Rob Kramer, Chicago, IL
DS-DE	Who'd you expect? Fuller Bull?
	Superadio, DX60
	HQ180A, RF2600
	HQ180A, SX122, 12 oz.
	Superadio, TRF, SM2
	RF2600
	R1000
	DX300, SM2
	SK46, R69, UR12
	Superadio, HQ180A, SM2

And that's it for another week! 73's - Good DX - y'all!

WFNC

RADIO  
WVOV  
STATION

\*\*\*\*\*  
\*\*FREQUENCY CHECK LIST "CHANGES"\*\*

Joe Fela

DELETE - 2nd Sat. after 2nd Fri. -

WHLW-1410, WEKY-1340, WRVK-1460, WKKU-1500, WKCT-930

1st Fri. -

WSHV-1570

CHANGES - 1st Tues. -

0500-0515 WHLW-1410

1st Wed. -

0545-0600 WEKY-1340

1st Thurs. -

0545-0600 WKCT-930

WRVK-1460

0645-0700 WLBQ-1570

2nd Mon. after 2nd Sun. -

0435-0445 WSHV-1570

0615-0630 (winter) WKKU-1560 (ex NUKE)

0645-0700 (summer)



WJBK

**WSM & AP**

**Join Forces**

By NEIL POND

WSM's Grand Ole Opry has long been standard late-night weekend fare for country music listeners out to rockin', but WSM will be slicin' into an even bigger chunk of allusive pie in April when it begins a link-up with the Associated Press for a live overnight radio programming service called Music Country Network.

The new program, with country music and related entertainment features from Nashville and news items from AP in Washington, D.C., will be transmitted live seven nights a week to an estimated 10-plus regional stations throughout the United States.

WSM AM 910 to be the flagship station for the new network, and WSM will supply staff personnel for the project.

Radio personality and Opry announcer Chuck Morgan, whose popular mix of music and live interviews during the late weekend slot has made him one of country radio's fastest-rising young air personalities, will be the primary host for the new network.

The new nightly program will not affect WSM's regular Friday and Saturday evening broadcasts of the Grand Ole Opry, one that of the "Midnight Jamboree," which follows the Opry on Saturdays, said WSM senior vice-president of broadcasting Tom Griceau. He explained that WSM - itself an AP affiliate station - will simply break away from Music Country Network's programming during the weekend broadcast times of the Opry and the Jamboree.

# INTERNATIONAL DX DIGEST

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

549 ALGERIA Oran 0410 1/20 AA mx, 0025 1/25 AA talk equalling level of 550 domestics. (Connelly)  
570 UNID "La Poderosa" ID and SS pops in WFAA null 0332 1/12. (Portzer)  
580 MEXICO Chihuahua XEPI dominant w/reánchez mx, R. Mexicans ID's 0326 1/12. Sounded more like listed day power (5 kw) than listed night power (250 watts). (Portzer)  
620 MEXICO Chihuahua XEPU o/u unid domestic w/mariachi mx, "La S-U, La Nortena" SID, "once y media" (half past 11) TC at 0528 1/14. (Portzer)  
640 GUADELOUPE Arnouville 2323 1/19 women in FF, xlnt o/CBN and 639 TA hat. (Connelly)  
680 MEXICO Leon XELG SS pops, jingle, SS talk, La Grande ID's, dominant 0320 1/12 o/unid SS. (Portzer)  
693t ENGLAND BBC suspected w/soft mx, poor 0412 1/20. (Connelly)  
710 VENEZUELA YVKE Caracas o/dur WOR with CURN nulled. This one peaked at 2355 with a clear strong ID. SS man talking several minutes before ID, t/11. (Smith)  
711 FRANCE Rennes 2322 1/19 bits of FF talk, screaming hat against a very strong WOR. The French station dumps a potent signal into the area but it isn't often reported because of the tremendous WOR QRM. The hat is in there almost every night but audio extraction is difficult even on the HQ180A. For this logging on the car rx the 711 signal was nearly equal to WOR-the necessary condition for car radio reception. (Connelly)  
720 VENEZUELA Portlanar YVOS 2315 1/19 SS talk, R. Vision ID loud and dominant. Hat of about 1 kHz present, possibly of TA origin from someone still on 719. (Connelly) 0000 1/12 fair/good. Sporting event with anthem at beginning and SS annnrs with several mentions of Venezuela. (Smith)  
725 SURINAM Paramaribo SRS 0028 1/21 Asiatic lang talk, good. Indonesian? (Connelly)  
750 NICARAGUA Managua talk about revolution, good in WSB null 0610 1/13. (Portzer)  
750 VENEZUELA YVKS Caracas 2325 1/19 SS talk, R. Ceraces ID at tremendous level, totally stop the channel. (Connelly)  
756 PORTUGAL Lisboa 2308 1/19 vocal mx, then man in FF, fair. (Connelly)  
760 CUBA Habana buzzing WJR w/male SS talk, tone every minute 0314-0317 1/12. (Portzer)  
760 MEXICO Mexico DF XEABC creaming WJR with ads, Iberian tunes 0513 1/19. (Portzer)  
765 SENEGAL Dakar good w/enthusiastic men in vernacular 2258-2305 1/22. (DeLorenzo) 2305 1/19 talk by man in AA, drums in background, good. 0029 1/21 AA talk then ukulele-like plucking and shrill vocal-xlnt, bombing in. (Connelly)  
774 SPAIN synchros 2306 1/19 SS talk o/multiplexSAH's, 0031 1/21 disco. (Connelly)  
775 COSTA RICA San Jose TIW fair-good with Olivia N-J, SS talk, R. Uno ID, into "If I Had a Hammer" by Trini Lopez. (Portzer) (Someone send them some new records please! CR)  
783 PORTUGAL Porto 2318 1/19 "50's" type song then FF talk-loud, better than adjacent channel 780 25W. (Connelly)  
790 MEXICO Chihuahua XERPC fair o/u domestics w/R. Ranchito ID's, ads, TC's, mx 0552 1/6. (Portzer)  
800 NETHERLANDS ANTILLES Bonaire PJB w/ee religious pgm and Trans World Radio ID, strong in XEROK null 0401 1/12. (Portzer)

819 MOROCCO Rabat 2307 1/19 AA talk fair o/SS LA-820 net and Para-diss-825 alcp. (Connelly)  
825 ST. KITTS Basseterre 0032 1/21 religious choral vocals at local level. Noted every evening with a fair signal at worst, a local-like signal at best. (Connelly) 2315 1/4 strong signal with gospel preaching. (Smith) They sure seem to get out well. I vividly remember hearing them at 100% level on a car radio whilst driving in northern New Jersey-CNJ  
DOMINICAN REPUBLIC HIBZ 2300 1/4 fair u/WNYC with LA mx. Mentioned Santo Domingo several times. (Smith)  
834 BELIZE fair-good w/birthday greetings 0439 1712. (Portzer)  
860 MEXICO Tijuana with ads, "Radio Ochenta Seis" ID and distinctive IS 0545 1/21. Good w/other Mexicans nulled. (Portzer)  
MEXICO Monterrey XENL s/off atop w/cute little tune to the effect of "good night, thanks for listening" in SS then man with s/off annet 0600 1/15. (Portzer)  
890 HONDURAS R. Honduras, pgm of talks in SS alternating w/Wes Montgomery type jazz 1/15 0542 then "Buenos noches Honduras" message 0555 and fadeout. Good-nil in WIS null. (Portzer)  
891 ALGERIA Algiers 2222 1/19 AA talk, good; 890 just a background net. (Connelly)  
900 CUBA SS talk w/mentions of Guatemala and Nicaragua in XEW null 0554 1/19. ID as "cadena nacional....Cuba, territorio libre" 0600. (Portzer)  
909 ENGLAND Brookmans Park et al 2245 1/18 female MoR vocal, good. 0033 1/21 cl mx, fair. (Connelly)  
920 MEXICO Chihuahua XECD, SS pops, "La Divertida" jingle then full ID. Strong and dominant, surely more than listed 100 watt night power 0303 1/12. (Portzer)  
900 MEXICO Mexico DF XEW, discussion pgm on Catholic church (wouldn't they have been more comfortable in a studio or something? CR) w/occasional mentions of Castro, Cuba and Communists, then ad for Carta Blanca 0655 1/16. (Portzer)  
970 MEXICO Ciudad Juarez XEJ "Le Hote Mexicana" ID, local ad, mariachi mx very good o/domestics 0512 1/4. (Portzer)  
970 VIRGIN ISLANDS WSTX Christiansted 0324-0325 1/26 PSA, "if you have announcements send them to WSTX, PO Box 428, Christianstad, St. Croix", Fantastic signal. (Patrick)  
980 Nice catch FJP...Good initials for DX'era, hi-CR  
980 MEXICO Nueva Rosita XENR o/u KMNZ and unid XE 044d-0454 1/12 w/SS pops, mellow DJ, ads, mentions of "Rosits", "Radio N-R" jingles. (Portzer)  
990 MEXICO Monterrey good w/ads, talk, soft mx, mentions of Monterrey, "La Grande T" and XET ID 0355 1/12. (Portzer)  
1000 COLOMBIA Cartagena 0459 1/22 ascending note fanfare, HJAQ ID w/call letters, just w/WCPL. (Connelly)  
10b0 MEXICO XEIP creaming WNOE w/talk on Poland 0455, R. Educacion ID and mx till 0459 1/22. (Portzer)  
1090 MEXICO Rosarito XEPR, oldies and call from listener 0704 (a DX'er?? CR) o/u domestics, 1/16. (Portzer)  
1100 COLOMBIA R. Reloj ID and lively mx u/KREK 0508 1/14. Didn't catch location. (Portzer)  
1140 MEXICO Monterrey XEMR strong w/SS pops, telephone calls from listeners, JX ID by young girls 0256 1/12. (Portzer)  
1150 MEXICO San Pedro de las Colonias XEPR fair but stop w/call, location and R. Amisted IF's, ad, reanchors mx 0052 1/12. (Portzer)  
1160 CUBA strong w/men in SS 0344 1/12 but could be nulled for clear KSL reception. (Portzer) 0109 1/21 RA language lessons o/1161 France hat. (Connelly)  
1220 COLOMBIA Barranquilla creaming XEB w/SS pop tunes, TC and "buena radio... La Voz de Colombia" ID's 0516 1/13, also used distinctive electronic IS vaguely resembling old KOND chime IS. Armchair quality, no trace of WGAR. (Portzer)  
1220 MEXICO XEB stop jumble of SS stns w/"XEB, la B de Mexico" ID and mariachi mx 0441 1/14. (Portzer)  
1349 MAURITANIA Nouakchott 2241 1/18 moaning vocal, raucous hot against WNTS-1350. (Connelly)  
1375 ST. PIERRE ET MIQUELON PR3 fair w/FF pop mx, men in FF 2237-2241 1/22; low audio level on potent carrier. (DeLorenzo)  
1390 MEXICO Chihuahua XEV w/call ID and plug "...en Radio Fiesta.., musica nortena, lo mejor...", into Nortena mx 0023 1/12. (Portzer)  
1458 ALBANIA Lushnje 0438 1/25 man and woman in apparent Slavic language, fair o/low growl. (Connelly)  
1467 MONACO Monte Carlo 0459 1/19 choral mx, fair on TRF, 0405 1/25 apparent II talk, light cl mx, fair. (Connelly)

1470 MEXICO Tijuana o/u another SS w/mx, ads, RCN promos 0602 1/20. (Portzer)  
 1476t AUSTRIA typical Muzak here, poor to fair in WSAR sloop 0h40 1/25. (Connally)  
 1490 MEXICO XEMS La H-S, la super estacion de Matamoros per ID, SS talk, then "Radio Mexicano" ID and thumpy mx 0520 1/15, way stop channel at tunein but soon lost in jumble. (Portzer)  
 1500 MEXICO XERZ fair w/KSTP w/SS talk, "XERZ Tropical" ID 0h35 1/14 and into tropical mx. (Portzer)  
 1540 UNID SS talk o/u XSEL w/MTIA nulled 0505 1/20. (Portzer)  
 1550 MEXICO Nueva Laredo XENV dominant w/SS mx, "La Rancherita" end call ID's 12h5 1/18. (Portzer)  
 1557 FRANCE Nice 0428 1/25 man in AA to good peaks. (Connally)  
 1560 MEXICO XEPAJ San Rafael Chamula with "musica ranchera" ID u/ R. Variedades 0114 1/14. (Portzer)  
 1560 MEXICO Ciudad Juarez XEJFV good-nil o/XEPAJ (no domestic QRM) w/romantic mx 0113-0145 1/14, "Radio Variedades, la primera en musica moderna" ID later each song, no clue as to location until mx from "Radio Centro de Juarez" sponsored by Banco de Mexico SOMEX 0145. (Portzer)  
 1566 UNID (likely Tunisia) powerful OC 0425-0505 end probably after on 1/25. (Connally)  
 1580 ANTIGUA St. John's VOA 0106 1/21 mx by man in EE (usual VOA manner) way u/CB post. (Connally)  
 1580 MEXICO Hermosillo XEDM 0510 1/16 ads for Carta Blanca, jeans shop and a posse in Las Vegas, "D-M" ID. (Portzer)  
 1580.2 UNID hub 0105 1/21. (Connally)  
 1590t MEXICO Monterrey XEACH most likely the one with norteno mx 0504-0512 1/15 o/u KYON. "1590" ID's after each song, One "XE... (fade).." ID hrd. (Portzer)  
 1593 WEST GERMANY Langenborg 0357 1/25 operatic type vocal peaking at good strength but w/severe polar-type flutter fading almost fast enough to modulate the signal w/a low note. (Connally)  
 1593 WEST GERMANY Langenborg 1/25 pop instrumental music then tone ID at 0700 end man and woman with GG talk. Waltz music again at 0716. Poor to fair because of sloop but had a fairly strong signal. (Smith)

The heroes.....

Mark Connally-Boston&Belmont, Ma. car radio, TRF, HQ180A, Palomar loop  
 Marc DeLorenzo-Sudbury, Ms. HQ100, SM2  
 Frank Patrick-Endicott NY DX160, DAS  
 Bruce Portzer-Amarillo, Texas TRF, SM2  
 Ross Smith-Fairfax, Md. R1000, Banserino loop

And the bum.... (obviously Al Merriman)

"At one time St. Lucia was on 1565. This was when they were part of the old WISs. Not an easy catch but heard at times during auroras. Note in my log says they moved to 1575 but no date. No idea of their current status." (Yep, they were here. Been so long I had forgotten. I don't think they have been on 1565 in at least 10 years. Somewhere there was a report from a DX'er who sailed right past the island and did not hear a peep from them....CH)

And Big Al even mentions hearing the new Grenada-990 stn on Christmas eve. There hasn't exactly been a rush to hear and report this stn-I do not have them in the log yet....Just bits and pieces of reggae, accented EE, etc....Be the first on your block to report them to IDXD.

From Ernie Cooper

WIZARD OF ID



## SATELLITE PROGRAMMING

### AMERICA'S NEWEST WAY TO RUN A RADIO STATION

Ed Ryan

(Note: Ed Ryan was the first Program Director in the country at a radio station that switched to all-satellite programming.)

At 6:00 AM, Monday, August 31, 1981, a new programming concept was broadcast to the public for the first time over radio station KERJ in Boise, Idaho. On that morning, KERJ became the first station anywhere to receive all its programs, except for commercials, via satellite microwave transmission. From a studio in the Chicago suburb of Nekane, Illinois, to the satellite hovering in orbit above earth, to KERJ...a distance approaching 100,000 miles...in a mere quarter of a second, came the voices of newsmen, actualities, music, and live radio announcers, all in a format structured so carefully the audience would not know it wasn't coming out of the KERJ offices.

Thus began satellite radio programming, which as of this writing is heard on some four to five dozen stations across America, and soon will be on many more, coming from many programming services. At the present time, late October of 1981, only one system is on the air, the "Satellite Music Network," a division of Burkhardt-Abrams Program Consultants. It is this system that this article will be built around.

In order to understand how the satellite system works, it is first necessary to briefly describe the workings of a standard automated radio station. Regardless of the package used, most all automated stations operate on a system of "trip tones" and the use of a central "brain," for example, a computer. The "brain" is fed regularly with a program telling all the machines what's going to happen when, and, for the most part, everything happens in sequence. Event #1 happens and is followed by event #2, #3, and so on. The "trip tones" are the cues the machines send to the "brain" to tell it that it's time for the next event to start, and via a series of relays and related electronic hardware, the next item starts. "Trip tones" are sub-audible tones added onto each piece of information, be it news, music, commercial, whatever. These tones also serve to stop the event playing once the event after it has started...that is, if everything works right. So, the whole process goes: Event #1 plays. When it comes to the end, the trip tone plays (remember, you can't hear it), the "brain" "hears" this tone, sees what the next event is supposed to do, and fires (starts) event #2, and event #1 comes to an end. When event #2 ends, the whole thing is repeated and it's on to event three. Our automated friend that says creative things like, "That was Carole King," is on its way.

To be most blunt about it, satellite radio stations are like automated ones except that there's a real live human being somewhere pushing those ol' "trip tones." The advantage from a programming standpoint is not the live button pusher, rather the button pusher's live mouth. This button pusher (most people know them as "disc jockeys") has the advantage of being able to talk about many more things than regular automation systems can. There are some good ones, but what tape can talk about the great dinner out with the wife and kids the night before, or chat with Harry Carlin on the phone, or keep you up to date on the murder of a key world figure? However, since the satellite network is also a "package" of sorts, being fed to many radio stations, it also does have the disadvantage of having to be somewhat "generic." That's not an easy thing to do, either, when you're live. You can't talk about the town, the weather, local establishments, highways, or streets, and the time is given as before or after "the hour." We'll get back to how the satellite is set up to avoid making a radio station sound like something in a can with a white label and black letters a little later. For now, let's revisit our friend, the "Trip Tones."

The Satellite Music Network is designed to be able to send six different trip tones, for six different programming functions. How a station decides to wire itself and use them is its own discretion. The intent is for them to signal various things happening in the hour. Since transmission is in stereo, the whole tone system need only use 2 different tones: 2SL right, left, 3SL right, left, and 2SL 3SL and 3SL 2SL. Again, depending on how the station

## MUSINGS

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

is set up, the trip tones either automatically tell the "brain" to go to the next event or tell the person at the station who watches for pretty colored lights that it's time to insert a local programming item, manually. An automation system uses several different programming "sources," and the satellite programming is treated as another one of these sources, tripping other items at the appropriate times, with these items at the local station tripping themselves and ultimately back to the satellite.

Now for how the whole thing comes together to make these folks in Chicagoland sound like they are folks in your own back yard. As mentioned, owing to the many stations broadcasting the same material simultaneously, announcer patter necessarily has to be "generic." The key element is what each station does locally when the satellite trip tones are sent. The Satellite Music Network's Playwheel (they call it a "Flex Clock") has several breaks programmed into each hour, two of which are "mandatory" and the rest of which are "optional" breaks (stop sets, commercial play times, whatever you know non-music programming is) that a station can do what it wishes with. The two "mandatory" breaks are periods in the hour in which the network goes silent and, in order to avoid very long periods of dead air, it is "mandatory" that you fill them with something: on the obvious level, commercials or PSAs, and weather, past that (here comes localization) station promos, local news, jingles, remote broadcasts, contests, and anything else that mentions who the heck you are. It is to the station's advantage to get its name in front of the people as many times as it can. All well and fine, but there's only two mandatory breaks an hour, where else can the station promote itself? The answer is the optional breaks (you saw that coming). As at the start of mandatory breaks, Satellite fires trip tones at the start of optional breaks, too, and the station has the option of either switching back to the local studio for filling with any of the above suggested items or whatever else it wishes to use, OR just letting the network go on its merry way with music. In order for all the affiliates to get back on the network on time, at the end of the optional break comes ten seconds of fill music and then back to normal. Yes, the fill music is optional, too, and the trip tone is fired before it also, so you can take the optional break's record and break away for your own ten second weather/jingle/something, or you can take the optional break and end with the ten seconds of fill music, or take both, or take neither. That's the beauty of the system, you can play with those options any way your heart desires. When exercising your options, you do, however, need to keep in mind that these breaks (in fact, all of them) are precisely and exactly timed, and thus so must be your filling elements...or, you'll rejoin the network at a point other than the start of the new item, and nobody likes to hear the last 10 seconds of a record or have the first minute of the next one chopped off, right? There IS one other "mandatory break" we left out here for simplicity, that being the top of the hour ID...

On the technical end, simply explained: for best results, the satellite affiliate station needs a satellite receiving dish, a receiver tuned to the satellite's frequency, and a decoder to get those trip tones to do what the station wants them to do. From the decoder, the programming can get fed directly into the station's equipment and if it's set up right, voila! One radio station! Problems occur two periods a year, when the sun passes directly over the center of the dish, in March and October, thus causing "solar fade." The noise power of the sun blocks out the signal from the satellite. It is suggested the station have some alternate programming available in these and other emergencies.

What the new satellite programming services can offer a station depends on each station: for those already automated, it offers a live, more friendly and personal alternative to automation. For those in smaller markets, it offers a professional-sounding station staff, newscasters, announcers, and all, a staff that is generally better than what's available locally. (Just TRY to get a staff in McCall, Idaho that sounds like Chicago, Illinois!) And for the larger station, it offers a sound comparable to the rest of the market at a fraction of the cost. For whatever reason a station or broadcast enthusiast or listener does or doesn't like this new development in technology, it remains certain that the inexpensive, relatively trouble-free satellite radio concept will become a definite factor and role-player in radio's future.

(Reprinted courtesy CWMA. For further information, ER can be contacted now c/o KNOT Radio, P. O. Box 151, Prescott, Arizona 86302. Radio changes, y'know...)

## HAT'S HAVING GOOD LUCK WITH VERIES

RAY ARRUDA - 47 East Street - Acushnet, MA - 02743  
NM 1/18: WBSM-1420 was off before midnight & WBEC-1420 was noted w/MX & AM-FM ID right at the top of the hour. WBET-1350-TEST barely made it due to WGY-1450A QRM w/AT/OC 12:03-12:45 w/only one positive ID & 12:23:50. CKM-930 again noted w/WSBN w/1:10 s/off w/o Canada. WHEM-1060-TEST did not make it due to WTOP/KYI/CJEP but unm here. WHEM-1520 was off part of this NM also leaving the Toledo station that changes call letters every week, I think! On to the following weekend starting w/EM 1/24: Good opening to all of Eastern Canada with report taken on CIKQ-680 3:23-3:38 in very tough WHEM null w/C&W, "Q Radio" IDs and NM w/Jerry Phelon. With WSAB-1480 off, CERD Drumondville, PQ was tops on the frequency most of this AM. Next day, NM 1/25: Much-wanted WSAJ-1350 TEST was tried for but not heard due to local WNEH New Bedford being only eight miles to the S. Opening to Canada continued with nice lengthy logging and report taken on CFYI-1050 w/MRN off, topping CHUM at times with Gary Roberts Show 2:19-3:13. The unid testor on 540 w/non-stop mx 3:41-4:34 turned out to be C3 Grand Falls as they abruptly went from test mx at 4:34 right into C Canada, ID, & morning show. WABD-770 6:00 & 5:01 w/NX after being completely off for about two hours. Veries continue to come in at the rate of about two or three a week with the latest being a v/q from WARM-590 (after two f/ups) & v/q from WMBL-740, v/q from WCGR-1550. WMBL-740 verie was for emergency broadcast for hurricane in 1972 or 73, specific date unknown - NINE years ago! I never would've gotten them verified if it weren't for the help of a local insurance agent who used to work at WMBL over 15 years ago, and is now out of radio. - ran into him while doing some telephone work near his house. It's a small world. 73.

## A CITY, COUNTRY, LEFT-HANDED BROADCASTER!

STEVE KENNEDY - Box 231 - Immokalee, FL - 33934  
Lowdy from the Ear of the Everglades. - noted in EM NEWS #12 that GREG LEDBETTER made it as far South as La Bola. Greg, you should have come on down 25 more miles to Immokalee, see WKEW, & yak with yours truly. Since the topic is Apartment DXers (four issues back -ERC) I guess I qualify. I live in a tiny two room apartment so I qualify - I hope. There is not much room for a decent outdoor antenna, but as I do a lot of SWLing, I have a 20' piece of wire out of the bedroom window. This place is so small, I don't have room to set up a regular DX desk. The HQ-1454 is on a roll-around cart beside my bed so I can DX in bed, when not at work, or eating, that is where I am. I don't recall if I have ever mentioned this before, but I learned last winter that I have Multiple Sclerosis...mild case...but bad enough to worry about. So I do get a lot of rest when not at work, and DX often has to take a back seat. I use the Radio West KH-1 loop for all SSB DX. There is a 7200 volt utility line about 35' away so I have to fight the noise from this pest. Total NM DX for all time - 70+ heard and 30+ verified. Here is a general idea of band conditions to be expected. During the daytime hours, almost every Florida station from Orlando-Gainesville S to the keys is audible. Fidel has got the dial all screwed up, and with all the Cuban stations moving around, I am not going to log them until this mess is settled down. With only Florida and the Cubans heard during the daylight hours, it is a bore. I do get WNL at noon from New Orleans, and ZNS makes it down here as late as 10AM. That is about all. Since Immokalee is inland from the water, the groundwave quality is not too consistent. You would think a lot of DX can be heard in a swampy area? Not always. At night, the dial is loaded with lots of LA DX. Every channel up to 1230 has at least one or two LA stations on it. LA splits are quite frequently heard, and some nights, I have noted 15 to 20 of them. I am waiting until the next sunspot minimum to try for TA's. Down here, the last time I got a TA was the '74-'75 DX season. By the time the next minimum rolls around, I will be well equipped to dig them out. I am still looking for an SE-620. I have tried several other places; still no luck. I may get the SC-10 DicA TBUAX has for sale. With future plans for a digital readout display, hopefully another Hammarlund, or Collins RX, & an NHC Alt-Az loop, that will complete my shack. I am running out of room for any more gear. I hope to finally move out of this apartment some time in the Spring. It is time to have a permanent home, and a place to call home. I'm, in a way I live in the 'Boondocks'...considering where Immokalee is located...but I live in town, so I am an 'urban' DXer. C U in it for the Broadcasting issue, and the Southpaw issue. 73. (This came with the Broadcasting Musings, in last week's issue - ERC)

DON'T FORGET TO SAY "TA TA" TO STATIONS RUNNING TEST PROGRAMS FOR US!

A "TWILIGHT" QUESTION

STEPHEN H. FODDER - 4105 Glen Street - Bossier City, LA - 71112 1/24/82  
 Hello again from Louisiana, the Bayou State! - have taken it upon myself to un-officially re-name the state the "Boggy" State! After all the snow and ice melted off, the yards and fields here in NW Louisiana have turned into giant bog-like sponges - everywhere you step, water oozes out of the ground, and when you lift your foot up, it sinks back in again! Oh well - to the DX! Latest hearis include KGLC-910, KBIL-910, KOHL-1240, KDTW-1370, WHEY-1440, KGBM-1440, KEGK-1530 & WEPV-1600! I have not received any veries yet, but did send f-ups to KJX-970, WHIL-1570, KAKA-1110, KTXJ-1350 & KETX-1440, so my mailbox has been active outgoing - Just wish it would be active incoming (with veries, that is - not bills). Say, I wish all church problems could be solved as easily as yours was, ERIC! Just get rid of all the problems by taking them out, hil! (Much, Steve, they're still "going to do it"! -ERC) I have one DX-related question, and it deals with the times in ELT that we report items to DX NEWS. If I hear a station between the hours of 11pm and 12 midnight CLT (my time), do I list it in DX NEWS at ELT on the same day I heard it, or on the next day, since that's what day it is in ELT? Here's an example: I heard KOHL-1240 at 11:59pm CST on Thursday 1/21. Do I list it in DX NEWS as 1050 [ELT] on the 21st or 2nd? It's no Earth-shaking problem, but it does bug me a little. I was okay in Charlotte, but here in the good-ole CST area, it's a little confusing, and maybe other DXers out there have asked themselves the same question. Thanks for the help! Good DX and stay well! (A station heard 3 11:59pm CLT 1/21 would have been heard 3 12:59am 1/22, ELT. If an ELT DXer begins a DX session at 12:30am his time, and a CLT DXer starts at the same time, 11:30pm the previous evening CLT, they both began DXing at 12:30am 1/22! -ERC) Also if you heard the WWDW-900 TEST 12:01-12:30am 12/14, you didn't hear it at 11:01-11:30pm 12/14, but 11:01-11:30pm 12/13.)

SIDNEY'S GOT A HEAVY WORK LOAD AHEAD

SIDNEY E. MARSHALL - 7226 Fox Drive - Killington, TN - 38053 Jan. 24, 1982  
 The final week of my vacation has now drawn to a close. Weather-wise it was much better with no snow or near zero temperatures. DX-wise the CX were not quite as good as the first week, in fact, on the 21st and 22nd T-storms and high static level killed all DX for me. It was good to see loggings from Tennessee's newest member, PAUL BREWER, in the DXDX column of issue #15. Now let's have a hearing from him, right ERNIE? (Right! -ERC) As to NEAL PERDUE's 1540 station with 55 in the evenings, I'm surthis is KTLA, Fort Worth, who has been heard several times here. Even though the log doesn't show it they have quite a bit of 55 programs now. Only three new ones to report this time which brings my total up to 1,016 heard. Newcoms are as follows: On 1/16 from 9:04 to 9:07am KSHM-1010, IA, was in weak but very clear, u/ALRA, w/ VPI, S, brief, and promo to hear low Sports on KSHM. CX were excellent this morning for I was hearing many long distance lower power stations well off the sunup at my location! Next on 1/19 WAFB-1590 S8, was in very strong with full s/off announcement heard at 5:45pm. On the morning of 1/20 ~ 6:15am I caught WMEG-630, GA, with mention of Toccoa in a spot, W, TC and top-of-hour ID before covered by s/on of local WMSO. While not a new one, Cayman Island-1555 was in like a local on evening of 1/20 ~ 7:30pm for almost ten minutes with such a strong signal that it was causing splotter on 1550 & 1560! This one has been heard several times here, later at night, but never with such a fantastic signal. With a heavy work load facing me it'll probably be a few weeks before my next issue, so till then, good DXing to all.

KARL COMES FORTH WITH SOME TWILIGHT DX

KARL FORTH - 2714 North LaSalle - Chicago, IL - 60639 Jan. 24, 1982  
 Not much DXing was done in December or January, but I did manage one big catch in WYNZ-970, Portland, ME on the morning of 1/4, heard w/ML, a couple of IDs, a PSA, & CBS W, in the 2:10-3am period. This is state #39 here, only Alaska remains. My last new state was Hawaii (KOHL-650) logged in 1/75. Thanks to ROBERT KRAMER for the tip on this one. As I mentioned, December saw almost no DXing at all. I got up for a few minutes on 12/21 for the KBME-890 TEST, heard what I thought might have been they W/TT, but was not really feeling well enough to stay up and check, turns out it was ~ hot from something else. Also missed was the KADE-1190-TEST on 12/28, I was just too tired after getting back from a trip to New York & Connecticut. Other DX has been confined to 55s, all during the week of 1/11: WATO-1290 heard 3:08pm w/s/on mx, ID, promo for the WATO "Leave your lover" contest (How cruel!! -ERC), also noted the following day, KLEY-1130 heard on 1/12 w/s/off ~ 6:29, WVEE-1430 heard at 6:15pm u/WL w/s/off on 1/13, that same day, KATQ-1070 was heard very weakly w/s/off at 6:30 and finally, KOFL-1110 w/s/off ~ 6:15pm on 1/15. CX weren't really that good this week, but I've been trying for all of these stations throughout the Fall, and persistence finally paid off, or something. Only a few veries this season, I think this phase of the hobby will end for me completely within a few years: v-1- KTXJ-1350 WSOB-1560 KXOL-1360 KEES-1430 KMAD-1550 KGBM-9-3 KAWM-1370 KSIS-1520 WEEB-1430 WHEO-1270-TEST KHND-1540-TEST & finally a very friendly letter from KGMQ-1370, 73.

HEY LEFTY! WE WANT TO HEAR FROM YOU BY NEXT MONDAY FOR THE SPECIAL SOUTHPAWS' ISSUE OF DX NEWS! DON'T BE 'LEFT' OUT! ONLY A FEW DAYS ARE LEFTY, LEFTY!

PAUL DXERS AND PHONES

PATRICK KOURI - 471 Emerson Avenue - Cooneck, NJ - 07666 201-836-1137 8201.27 1982 DX, MM 1/4- Too tired, so to bed. KEN ROMSTADT called 4:30 am saying WZN-970 ME was making it out to Toledo, but WWDW (at one mile) was on, so back to bed. Wed. 1/6, a rare SSS-into-evening session. CJBR-900 w/FF talk, ED & 6 "Ice R. Canada", nn 18, then "CJBR, Bimouski", good o/CHML. Sun. 1/10 PHIL BOERSMA called to say WWDW-1260 Holland MI was on AM for emergency, MIKE JESTORSKI reported the same for WIVS-850 Crystal Lake, IL. I spoke to KEN ROMSTADT who added WSNJ-1580 South Bend to the list & said WSAU-550 Wausau WI may be on WD as they were noted in Toledo. I called JOHN RIEGER, BILL WHITACRE, MIKE KNUTTER, DAVE WHATROUGH & BILL COLEMAN w/the message on these four. MM 1/11- WAZN-1580 w/T-40 12:55-1, then message from GM, NY, & Civil Defense Director or interview, mentioned Wind-Chill Factor of -39°, signal good, some SS QRM, new here by any call, 'twas on SES post as WJVA in Weldonville OR DX. 1:16-1:34 listening to tones on 1230 & 1390 on TRF & GE, no ID on either. WWDW-1600 was stronger than usual 1:40 giving WO9-8989 phone #, WOL-1450 very good w/WX & 1:45, slogan "AM-WOL", WCCO gave -520 WACF, WJJD-1160 testing w/CW per 2:07 ID, CHCY-920 on W/T-40 2:13 & me to bed; my ride for work called ~ 5:50, said "Be ready", so ~ sat waiting by the window with the TRF for an hour, & logged CFCF-670 in WICC null. This may have been a time when WICC was still on night power/pattern after 6 & still dark out. Actually I was hoping for long-wanted CFCF but North Bay was needed too. From 6:27 to 6:57 fadeout I heard Doug Little's show, Bob McIntosh traffic, an adult contemporary format, MM 3:30-6:40, tape ran upstairs off Superadio. MM 1/18, I never woke up from my nap till 5am Sat. 1/23 HARRY WALDRON CALLED to say both Butler PA stations were on. I called RAY AMRUDA, JOE FELA, & some of the SSS people: HARRY HAYES, & TONY FITZGERALD for DAVE FOX. MM 1/25- Tone of about 500 Hz hurting CKLM 12:18-12:43, no ID, not flint, per call. STAN KORSS: WADO has Rev. Ikes 12:35-77am. Apparent Ters on 1520, 1540 ~ 12:50, ERNIE COOPER later called back saying they may be Arabia-1521 & Germany-1539. I hope people don't count new countries heard this way! For me they're still MM. Pretty ol' mx on 1060 ~KZN 1:29. United S-1530 w/no sign of WCKY 1:36. WWDW-1050 off. WFLI-1070 WAX, MM 1:57, unm. That unusual CX heard on 1040 again, maybe he was somehow getting into the SCS? I used to get code u/WKX evenings several years ago. XERH-1500 Mexico City good, some WJIT-1280 MM 1555 1:59-2:01 w/R-K slogan, new. CJM-1357 loud ~:09 w/T-40, spot for Pickering Auto. They were doing KX main entrance at the Pickering tower site per call, new. Tones heard 2:23-3:01 on 1340 but nothing definite during WSAJ TEST time, WWDW CCR. Two stations past 1600 not pirates, turned out to be a mix of WWDW-970 & WJIT-1480, yuck! I tried for WWDW-1570 Tues. 1/27, no luck, too much CKLM. Shalom.

FOOTBALL, MONEY, WEATHER, & DX

JOHN R. MALICKY - 995 Shadyrest Road - Pittsburgh, PA - 15216 1/25/82  
 MONEY TALKS! MONEY TALKS! MONEY TALKS! Hello all, it's time once again from the city that brings you constant variety in SX as well as DX. JACKIE Sherill, ex-Pitt coach, and Pittsburgh's Dopper Dan Man of the Year (honored 1/17) flew to Dallas on Mon., then to College Station, came back Tues, & announced he would sign to become coach & AD of Texas A&M. Though he didn't release details, the media (which hopped on this like bees & honey) figured it to be somewhere around 2.5 million for ten years, making him the highest paid sonch in the country. WTAE TV/Radio (who carry Pitt games), KDKA TV/Radio, WPXI(TV) & KAHU(TV) of College Station focused in on this very closely, as did the Pittsburgh Press which had some "behind the scenes" quotes from Sherill the week of the Super Bowl & in the locker room afterward that may have also lead to his decision. - It happened in less than two days & caught me by surprise. I know this isn't DX, but it's quite interesting, as I (probably) you may have heard it first thru TV or radio. As for the W, at least 75% of PA was covered by snow (as of this date) estimated by the NWS. To 40 below temperatures w/ wind-chills in the S & Midwest & ice storms in the S/SE. Also on Sat., ice storms in PA (not in Pittsburgh, but North) knocked out both WCKS & WQTH of Latrobe. WISR of Butler came on 3 2:30am Sat 1/24 for emergency broadcasts of communities without power on where to find food, shelter, etc. The last two Sundays a loc brought frigid temperatures as the highs were -5 to -7°, the low -18° on MM 1/18. That tied the record for the coldest here, then a day earlier (-15) WJAS was off Sx until 3:50am because of a frozen transformer in that area which brought in a 2:42 excellent, WHIC-1310 w/"Detroit's Nicest Rock" & newie WOOD-1320 w/BFS mx on AM-FM, but no ads, W, MX, nothing, mostly u/WERD/WFBR. Backtracking, I also heard three other stations on for emergency WCs. First, WWDW-1580 on MM 1/11 "on the air to assist Civil Defense officials"; second, WRAC-1380 on 1/12 until 9:04pm, & third, WAAV-1550 on 1/13 w/50,000W all AM. All three had WX CX, closings, W, & mx. WAMJ was fair to good w/KHIN under, & WKAC was fading, but very good o/u KHLB. Now to other DX. On 1/7/8, WAFX (ex-WJBY) heard 4:21 & 5:59 w/s/ads, W, ID "93-KFX", & address (1725 Rainbow Drive), 1-8-WHYY-1150 Chippewa Falls, WI w/good s/off & 5:44. 1/10- Local WCKG-1550 off, allowing for WRCF-1540 & 6:52 w/60's mx, announcer's names. 1/11&12- KXW-1070 (first time & second in L.A.) w/local & CBS W, IDs "So. Cal's #1 NY station" u/o WIEC/CHOK & Jim, as I mailed letter & received v/g back in six days with stamp returned. Much more as it happens, starting with 1/12. What station in Boston carries Celtics' games? (WRAO-680 -ERC) 73s.(Chippewa Falls is WAAV-ERC)

## A THUMB-NAIL AUTOBIOGRAPHY

RONY FITZGERALD - 116 Devon Acad - Chalfont, PA - 18914

1/23/82

Hi. Since we're into thematic issues, I'll send this in late for the Apartment Dwellers' Week. I lived in apartments in Flatbush, Ridgewood & Boro Park, Brooklyn, years ago, and early for the Beer Drinkers' Week! DX has been awful because of CX, and the five hour round trip to N.Y. Verries good though, from WNEB-1070, w/BS, WAAH-1600, v/1 from JOE JONES at WDEL-1150, thank you Joe! CX from WWDY-1190, v/1 from WQIQ-1590, v/1 from WDXB-1150 for 10/26/81 report, noting that someone forgot to turn the power down, CM from WLPA-1590 for 11/23 report, v/1 & CM from WPCN-960 for three minute report on 11/13 - good week for holdouts, plus v/q's from WNBC & WABC - get 'em before I go back to NY. Then I'll be trying for all the Philadelphia stations! Since I've been in the HRC for two years, I will reintroduce myself - I'm 39, married, with two boys, Kevin, age 7, & Brendan, age 3, have DXed for over two years, enjoying it present. We live 20 miles N of Philadelphia, but that will change, as we will move to an area accessible to my new job, which is Regional Manager - Human Resources for Conrail's Metropolitan Region. That's a fitting assignment, as my big hobby for 30 years has been studying commuter rail/rapid transit lines, & I have had numerous articles on that topic published in transit periodicals. I also collect commuter railroad tickets, and have over 120,000 different ones dating back to the 1850's. I always enjoy a visit to Chicago's CTA, or Toronto's subway and GO transit - combined with trips to the radio stations. I would love to visit 97 Lancaster Street, Ajax, ON, b1L Other hobbies are the kids, running, tour biking, and hiking. Next week I will start the first of several busings rambling through Central New Jersey radio. JIM GUTHRIE has come up with a former London Transit Double Decked bus, and he, DAVE SCHMIDT, JOHN BOWMAN & I are going to take you on a little tour from Somerville to Trenton. John has contributed quite a bit of info! 73.

## ANOTHER APARTMENT COMPLEX MAN

GREG MONTI - 1119 Fidler Lane - Apt. 1424 - Silver Spring, MD - 20910 1/24/82

Well, I've already missed the Musings section for DXers in high-rise apartments and now I'm sure to miss the DXers-who-work-in-broadcasting issue. Oh well, here goes, anyway. I'm 26 and live in a high rise in suburban Washington, and am employed as a satellite terminal maintenance engineer by National Public Radio in DC. There isn't any specific problem that makes DXing bad in this building, it's just the overall noise level in the neighborhood which is horrendous. It seems that my TV is the only one that interferes with my DXing, so other people's TV's aren't a problem. There aren't to the best of my knowledge any fish tank heaters or dimmer switches anywhere in the building. You'd be surprised at how strong many DX signals really are. The problems arise with those real weak jobs or long-range daytime groundwave DX. I'm not equipped with any sophisticated receiver, just a Realistic TRF (the old kind). BC3 DX is a far cry from the 6000 mHz stuff I work with on the job. The small signal levels and the incredible antenna gains involved make one drool for stuff like that at lower frequencies. Fortunately, atmospheric noise is negligible at those frequencies and performance depends only on equipment. The one-way loss from satellite to Earth at the 6000 mHz downlink band is typically 195 dB (ten to the minus 19th power is the fraction of the signal that is left when it reaches the ground). It all works, though, and well enough that plenty of entrepreneurs are putting their money on new satellite networks for radio and cable TV. Getting close to the limit here, 73 & good winter DX to all.

## TERRY HAS A ESKIMO ALARM CLOCK!

TERRY A. KLAESK - 9720 Vickie Place - St. Louis, MO - 63136 314-869-7274

Errrrrrr. Well, Eskimo to all you good and not-so-good DXers! Long time no Musse, eh? Well, first a re-intro. I am 35, married, and have two daughters. I started DXing in 6/65, and have been at it off & on since. In March 1979 I got fanatical about it, and have been at it like Gang Busters ever since. I work at a large Supermarket attempting to keep the joint clean. Not too much luck at it thus far - drat! I use a Hammarlund HQ-1820A with an amplified spiral loop plus a J3 Superadio. My goal for this DX season is to hit 500 stations heard & receive 400 varieties. As of 1/27 I have received 412 varieties, & heard 493 stations. I may have to set new goals next month, hi! I have been super fanatical in DXing SW w/203 countries heard, & 192 varieties! I am a promo collector, & I am always willing to trade stickers, pennants, or other junkie with fellow DXers - crazy or sane - no matter! Even though I work daily shifts (6:30am-1:30pm) I have hit the DX TESTS good! However I get very grouchy about it. RICH SDDE calls me 15 minutes before the TEST so I can bag it. Thus far I've bagged: KJMP-1170, WKLB-1290, WHEO-1270, WNDW-900, WQBN-960, WZL-1350 & WRYM-1060! All underlined are verified. Rich has also called me to hear f/c's that are just too numerous to mention. I must admit I feel like punching him into had henbit at times getting me out of my warm bed, but a new station always makes it OK! I need someone to room with at the LOUISVILLE HRC Convention! Who is crazy enough to put up with me? I have now ten cases of Budweiser to bring for my personal room supply that can be shared with roommate. The DXer who rooms with me had better like to gab a lot too & like to look at all my QSLs also. Please write, phone or Musse soon so I can make arrangements! Now that ERG has finished typing this mess that I am handwriting he deserves the clap-er-a-round of applause or a medal "The Order of the SoreEye"

## ARC WELCOMED THE NEW YEAR IN AT THE DIALS

WARC DeLoach-20 - 192 Goodman Hill Road - Sudbury, MA - 01776

Well, the DX continues to roll into this area. Going back to 12/19, Algeria-891 clear in peaks w/AM chanting, flute & violins 4:15-4:30pm; Saudi Arabia-1521 fairly clear in peaks w/AM chanting & flute 5:05-5:20pm when WKBW took charge - this continues to be my most distant station ever heard. 12/21- The KBYE-39n-TEST made it here w/ID 8 1:12am following a 50's rock oldie tune but the readability of this TEST was destroyed by the Algerian on 891 which was exceptionally L&C this AM w/AM vocals accompanied by violins & drums, women in AA 1:08-1:26; EJCS-890 La Voz de Bogota also L&C w/ID & SS rock mx 1:28-1:30. My sincere thanks to AL REINICK for arranging the KBYE TEST. To continue: CMID-669 only weak-fair w/all-NY in SS w/potent CJWQ OC 1:31-1:35; CHTW-1190 PEI good w/T-100 mx w/WNOX OC 1:42; KCJ-1560 IA fair on ET/mx 1:51-1:58, ID as "The Double J", abrupt carrier drop c 1:58, 12/21. Excellent day - time CX w/AFD-881 fair w/gop mx c/WCJS 8 2:07pm, 12/27- WFJZ-940 NC good o/u C2M w/CM 1:58pm, 12/31- R. Cayman-1205 good in peaks despite shallow audio w/ Caribbean jazz & 50's rock 11:46-11:54pm, 1/1- At Midnight, instead of celebrating, I was actually listening to CMJQ-1200 w/usual military march mx - an unusual way to greet the New Year 1/2- WMA-1212 Mich. burying WCAU w/xx, WZK-1590 Fin. fair, stop w/CM 5:15-5:40, 1/2- W. Germany-1593 L&C w/light GG vocals & instruments 12:34-12:45pm, France-1557 also L&C w/M & F in FF 1:12-1:19. 1/8- WNOX-990 Penn. good w/T-100 5:43-5:50pm. 1/12 saw a real fins opening to W. Europe at SSS: Bordeaux-1226 good in peaks w/FF pop vocal, M & F in FF 5:22-5:32pm; R. Tiramis-1395 good w/ID by woman in FF 5:35; heard to 5:43 tune-out. Then my best signal from England in years in BBC-1215 w/ci organ mx (baroque, I believe) 5:47-5pm - very little fading, WCAU no problem; NY 5:6, then into opera - 6:01; Portugal-783 fair w/folk mx 6:20, then losing to the E. German-793 who was clear in two minute peaks w/EE rock, GG pop vocal, man in GG 7:01-6:45 pm. So long for now.

## STAN LOGGED TWO NEW MUSSE CATCHES

STAN MORSE - Route 3 - Eredford, MA - 01830

WMLI-1250 ex-WGLI Bangor in to 4:15 s/off in WKBW null - CREGA in as soon as WMLI went off. CED-1110 owing frequency 4:30pm. CECW/CFVM holding 1220 & 4:35. CHRM-1290 & 4:40, but WRUH in 1150's null, no CHSJ etc. Maine & Maritimes above average tonight - too bad I don't need more stations there. 1/20- WOZN-710 Monticello ME to 4:15 s/off, then played one more selection and off air & 4:18; did well o/WOR. PM is WOVI, format C&W, ID as "County Country Network". CJCD on top of 1410 & CBAF on 1320. 1/21 PM-WEYL coming up thru WFGL 4:23pm, on top by 4:30 - no sign of needed WFCN. WFML topping 900 & 4:34. WAEB-790 doing fine, 4:35pm. CEM on 730 & 4:45 but out before ID. Another on 730 with woman giving news of Springfield. 1/25 AM- WFIL & WGAN doing it on 560 & 1pm, no WAFN. WNEB-1530 test, WQKY off, WDLW off this AM, CMLD on top of 1330 1:52am. CJJD-1280 in again 6:15. CPYR-1050 fighting it out w/CHUB at 2. report to CPYR. WELT-1590 AM show o/WAFR, 2:30. WVFC-1530 r/c-ET T w/WCHY 2:32am & on, seemed to go off c 2:40. PM, WENL-1220 on top of WSMR & 4:30pm. WKBW/WBSC fighting on 1550, 6:45. WTLK-1570 Taylorsville NC peaked w/ID 6:50. needed, but not enough for a report. WCEL-990 So. Pines with "WCEL Radio 93" ID & out, so two heard needed but even a tape couldn't give me a decent report on those two. Also a NC not o/WAFR - I need both but couldn't pull an ID on this. 1/26 AM- WNYW/CKLD on top of 1330. WDLW off c 12:15. FF on 1570 & 12:39. hopefully WAFN per tip from ERNIE COOPER - off & on tone to 12:45, then some very weak tone about 1:35, probably someone else. WDLW back on c 1:30am, apologetizing for being off.

## DAVE GOES TOURING

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, DE - 19720

Parts are hard to find for a transmitter that's 30 years old, so we went on a mad search to find a station with an RCA STA 250N not in use. After a couple of months, one was located at WDEL-1490. They're located in downtown Lancaster, the Red Rose City, NBC affiliate, adult-contemporary mx w/AM-6 skid, off RR. Studios are on Queen Street, all new, offices on second floor. The RR is located atop a furniture store on the other side of the city block, a rooftop structure ~~antennas~~ (old style) - it wasn't much fun luging a heavy, bulky cabinet down an elevator & loading dock - especially the tight fits. WFEC-1490 is still using a rooftop antenna; WRAW-1340 just recently took theirs out of service. A few years ago, on a trip to my wife's hometown area in Lansing, MI, the four tower array of WQBN-710 caught my eye while travelling I-81. On the return trip, the hungries hit at the Blacksburg exit, so the others were dropped off & I raided the station. Studio/office/RR all in nice modern building, then T-100 (CM now) - the GE then, Paxton Durham, showed how tight their DA system was by taking me to the end of their driveway & showing the null toward WCR - the signal was not listenable less than 1,000 FEET from the towers! Travelling N on I-81, the signal is gone less than ten miles away! The DX TEST run by them netted over 50 reports, some from California! Paxton, on last report, was the engineer for the chain who own WFHG-980, WXAZ-950 & WQBN-570, operating from Bristol. Next, high on a hill on 1150! PS- The highlight on the WQBN visit was that the GM bought the wife and kids lunch!

OH HOW I WISH I WAS IN PEORIA

JOHN CLERMER - 4524 7th Street - #2303 - East Peoria, IL - 61244  
 I've enjoyed both TONY FITZHERBERT's & JERRY STARR's descriptions of radio stations/towers etc. of markets they're familiar with. So I thought I'd do the same for the five AM stations in my "hometown" - Peoria, IL, where I grew up. WPEO-1220 runs their REL/GOS from the second floor of the modern 20-story Savings Center in downtown Peoria. WPEO has one tower E of ICC Junior College in East Peoria. WVEL-1140 "W-Volvet" Pekin, runs one of the few remaining SFL AM formats on AM from a small building in downtown Pekin. WVEL gets out extremely well on clear channel 1140 AM/5200 days, using one tower located just S of Route 98 about 1/2 mile East of Route 29 - this is just N of Pekin. WIRL-1290 is adult contemporary; WRL has a very modern studio at the top of Grossenbach Road in East Peoria. Sister WSWF(FM) is also here; 500' WSWF tower is behind building. WIRL has four towers just E of Marquette Mts., Ill. WXCL-1350 is a good-sounding station w/s long playlist; modern country outlet. studio is in one story building w/bistro FM, WKQA, located in "Radio Park" on Meadowbrook Road just off University at Wm. Memorial Drive. WXCL has four towers S of Route 98 approximately 1/2 mile E of Route 29, N of Pekin, IL. WMBD-1470 has studios approximately eight blocks S of WXCL at 3131 N. University. Station is adult contemporary. WMBD's sister FM & TV are here also in remodeled former grocery store. Four towers also for WMBD, located on Grove-Land Blocktop between Pekin & Morton. Note how Peoria is W of Illinois River; all five AM tower sites are E of the river. More on Quad Cities & other markets in an upcoming DX NEWS. A little DX here - much-wanted KMET-1300 DX at 12:02am on 1/18 - much-wanted, & a complete surprise. On 1/21 KEMR-1190 WB, a state to rural here. 1/25- CX to the S good tonight - KMET-1150 OKLA. in at 6:20pm. KJCK-1300 Ark. in S off 6:15pm. Several others also in but nothing else new. One other note on Peoria - WMBD dropped "The World Tomorrow" program some time back; it's now on WXCL-1350 at midnight CLT Mon-Fri. Good DX.

EARL WAS AT ROB KRAMER'S GTG

EARL HIGGINS - 4129 Serge Bell - U. of Iowa - Iowa City, IA - 52242 319-353-1858  
 One semi-related DX note: Our family is currently planning a trip, for July & August of this year, to Alaska. We plan to travel one way by bus, one way by plane, but that is still very tentative. We hope to see Mt. McKinley, which would probably entail a several day stop in Fairbanks and several station tours/promotional gatherings if we can get them all arranged. I would very much like to hear from DXers who have made the trip to Alaska in, oh, say, the last ten years or so, as nobody in our family has gone yet (The only state where no one in the immediate family has been). We don't know anybody who has made the trip by land recently either, so all we have to go by are the travel booklets and the bus schedules, hi. Takes about seven days from Chicago to Fairbanks via Greyhound. Unfortunately, taking the Superadio and/or a cassette recorder seems a bit out of the question due to space limitations but I'll see what can be arranged. Any DXers interested in going along are invited, provided you have time and \$\$. Now for something completely different. I attended the GTG at ROB KRAMER's 12/27-28 - on hand were MIKE 'JEZZY' JEZIORSKI, Adam Bornstein, The Shirk himself R.H., and myself. Quieter than most GTG's (which ain't saying much). This one was unusual in one other respect: We DXed. It hurt a little at first but after I got the hang of it it was no problem. In fact, 16 newies were heard, more than in any other 24 hour period...ever. Here are the highlights. WLBC-1220 in on ET w/weak ID & 1am 12/28 o/u CCRB. Then it became evident that there were good Western CX. WNEW was off so we looked for KFMN or KREK. Two stations were in faintly in EE. One IDed as KPAK. San Francisco at 2, and the other was caught signing off minutes later, IDed as ZDX, Antigua, new for me. Tuning around netted two stations on 740, one was likely KFCF and KIKA IDed the other as KCBS. Over to 1550 where a c/w station was in/out w/a cl mx station. The c/w IDed eventually as "Cargo Country", KRCG-1550, N. Valley City, UT, not bad for 500W though ROB tells me they're semi-regular in the wee hours. KXHI was almost for sure the cl mx, but never IDed (a big problem with them, though they're in a lot). KOMX-1310 was in well, evidently now NBP, new for me. On 690, KSDJ was boozing in, just minutes after KOMX-1310 IDed. Then over to 1020, an OC was in well...this almost for sure meant KOMO in Seattle, and sure enough, the ID came through at 3:41am EST. A report was sent and the verie was back immedately, state #63 heard! We looked carefully for signs of KFJB on 990 but nothing definitely from them was noted. KTNQ was in well on 1020, with KDKA ON! I've heard them twice but only w/KDKA off. Then in the morning, WNIC-1310, WQDF-1330, WCPN-1350, WLBH-1170, WAMB-1170, WCPH-1220, & WZNN-1500 were all in, new for me, at or after their s/ons. I'm way over, so 73 & good DX but first, thanks, ROB KRAMER, for a most enjoyable and productive DX session!

WHAT'S COMING UP IN NEWSINGS

DX NEWS DATE	KUSINGS DEADLINE	SPECIAL SUBJECT
March 8	Monday Feb. 22	The left-handers' issue! If you are, you're int.
March 15	Monday March 1	Anybody living in a state, province, or country, whose shores are on AMX ocean.
March 22	Monday March 8	Any member who drinks beer! What kind do you prefer? Detest? A coast-to-coast hiccup!

JIM IS A TEACHER/ADVISOR OF DJ'S

JIM GUTHRIE - 1708 Pine Street - Apt. 2 - Philadelphia, PA - 19103 (Postmarked 1/26 PM, rec'd 1/27 - ERC) This is for Deadline of Jan. 25. As a passive listener (in other words, I exchange information with TONY FITZHERBERT, and he inserts some of it in his Kusings,) I figured a personal Kuse is in order for this special edition. I've been employed in radio for about 15 years, working at various stations in New York (Long Island), Washington DC, and Pennsylvania. My grandfather was blind, which means that radio was part of our household long after most of my friends were busy watching television; he was something of a DXer, and got me interested in the hobby as a youngster. I joined the NRC about 1975, at the urging of Bill Andres (I was working at WBAE at the time - he was doing overnights on the FM). Right now, I'm working for NBS Radio, which presents "Keleidescope" on a network of stations, including WHTS WGVI, Connellsville, PA, WENY Elmira, NY, WDND, Pleasantville, NJ, WNEW Vineland, NJ, & KNDI, Honolulu. We purchase the air time, and fill with programs produced by people who like to be "on the air" as a hobby, or need the "on air" experience as a resume credit in order to become employed as a DJ or announcer. NBS has been quite successful for those who want to get into the business - my job is to offer job counselling and advice on audition tapes; I've helped more than 40 persons, with no previous broadcast experience, get "on the air" jobs in the Philadelphia area during the last year - that's not including those who've gotten jobs elsewhere. (I could use your help, Jim; do you give 'cure service'?) (hi - ERC) Some of those I've advised have gotten jobs at stations such as WIFL(FM) WSSJ, WEAZ(FM), WCAG, WDAS, and other stations here in the city itself (not bad for an aspiring young announcer to get his first paying job in the fourth market!) I also do occasional broadcast consulting (No station with fewer than five towers, and generally located 540-1490 kHz should be anything less than a gold mine is my motto - and guarantee my work). I've also worked with various public interest groups to expand the number of AM & FM stations, by breaking down the Clear Channels and the like, and on expansion of such things as community ascertainment requirements. Some of my work has been somewhat controversial - more in my next "Special Subject" Kuse - for the March 8 deadline, provided the Rolling Rock Brewery is still going strong. 73s; all.

DENNIS IS NOW GM AT WGCH-1490

DENNIS JACKSON - 7 Nassau Road - Westport, CT - 06880 1/21/82  
 Greetings fellow ether freaks! I haven't Kused in two years, but wanted to add some news to this week's special Kusing theme. Since then, I've moved to WDCT, where I had the pleasure of preparing the file (CP granted 9/81) for move to 1390, 5kw DA-N, to WERK AM/FM, where as GM, I changed the FM call to WATZ (thereby moving it from Pittsburgh to Pittsfield when 13-Q dropped it after being sold) and finally to Greenwich to manage WGCH, where CHMIS LUCAS is cooking Personality LoR every afternoon. CHRIS says we should change to WGCH and call it "CG-15"! When WDCT builds, hopefully before Winter '82, you will hear some noise from them finally, with 5kw into a 5/8 wave stick days, & a pattern like WJWV nights (protects WFEL & WEGP, at about 3.5 kw into the array). The pattern is derived from the addition of two shorter towers in a dog-legged array, providing cancellation at the proper azimuth angle (45 watts toward WFEL) and null-fill on the ground. About 12kw in the major lobe NW, and 2kw off the back toward WPLM. I visited WVKR-1340, Bouldin, VT, and, yes, they really are on the air at 250W, soon to be 1kw-LS (they have the XR now). I'm on the Norwalk, CT 2M rptr morning as KQBN, and DX with a Superadio and old NC-200. I will Kuse again about competition among bootleggers here in '80. Good DX to all, and thanks - this DXer appreciates all ETC's labors in putting this column together for the enjoyment of the rest of us. Salutations! (Skolli - (Also received 1/27). ETC)

LET'S ROLL OUT THE RED CARPET FOR TONI

TOM BOWLING - 6424 Heitzler Avenue - Cincinnati, OH - 45224 513-681-2961  
 Hello, I joined last March and thought it was about time to Kuse. I am 39 and a School Crossing Guard and live with my parents. I have been DXing since 1967, I have a Superadio. I thought I would start with October '81 SSS, a very good month, so here goes. 10/2-7pm, WNLH-1600. 10/3-7:15 WLIJ-1580, and not 559, 9:53pm, KEL-1430. 10/4-7pm, WVKR-1580; 7:07 WNLH-1580 & 7:17 KTLI-1560. 10/6-7, WQK-1587 & 7:17, WPLR-1570, & 7:30, WAAA-1550. 10/8-7:05, WSHY-1560 & 7:30 WTRB-1570. 10/9-7:05, WIRO-1570 & 7:17 WEYX-1580 & 7:45 KFDF-1580. 10/10-7:06 WSHF-1580. 10/11-7:06 WD2-1050. 10/12-7, WSKT-1580 and 7:20 KEL-1550. 10/13-7:15, WCBR-1580 & 7:57, VOA-1580. 10/14, not SSS, 9:16pm, WGTN-1550. 10/15-6:30, WPLR-1570 & 7:16 WTTW-1580. 10/16-7:30, WAIK-1590. 10/18-7:16 WZCL-1660. 10/20-5:30 WNLH-1580, 7:15 WPKY-1580 & 7:17, WDQH-1580. 10/21-7:58, KZBS-1580, 8:00, KCGG-1580 and 10pm, WMS-790 not SSS. 10/22-7, WLST-990, 7:17, WATV-990 and 7:35 KOKA-1550. 10/23-7:23 WINL-1290. 10/24-7, WHEC-1510 & 7:35 KPC-1250. 10/25-5:31 WGTW-870 & 6:05 WGT-950. 10/26-6, WMAZ-940, 6:30, KTON-940 & 6:35 KADD-940 & 7:32 WVKC-1080. I'll stop here for now. Also does anyone know where WFAJ-800, 6:04pm - KYL - 12? (Could it be WCHA, Chantersburg, PA?? - ETC) And has WZIO moved from 1230 to 16977 (WZIO is an FM station in Cape May, NJ, 102.3 - ETC) I will accept phone calls (no collect) between 3pm and 7:30pm. 73s.  
 TAKE THAT PEN IN YOUR LEFT HAND AND SEND US A KUSING BY NEXT MONDAY, FEB. 22!

## 640 IS SPOTTY

KARL V. JETER - 3590-C Clubhouse Circle East - Decatur, GA - 30032 1/25/82  
 This will be a "catch-up" Muse, as I have missed the last few "specialty" deadlines for Musings subjects. For starters, I've been in the NHC almost nine years (ads, already?) & am 28 years old, happily married for 2½, and work in the engineering department of Kawneer Architectural Products in Jonesboro, GA (a South Metro suburb). Totals are somewhere around 1,485/1,090 now, hoping to make the 1,500/1,100 goal this season. I've been DXing since High School days in Conover, NC around 1969 - my first verlo was from WCFI-1000 that year. My first knowledge of the NHC came, like so many others, in a 1970 verlo from WDEL-1157 by JOE JONES. However, I didn't join until 1973, the year the NJ folks took over publication. My equipment presently consists of an HQ-159 (bought from LPQer DICK TRUAX, a sale he still says he regrets, hi!) and a 12-655 TFR. Antennas are a twice-overhauled 3M-2 & my homemade 4' NHC Loop w/a Behr amp (i.e., STEVE BOCACI). Now, we also live in an apartment, a three-story building in which we live in the middle level, on an end. I find this is not too bad, with TVI the worst problem. The only dimmer in this building is in our living room, so it is under control, you can bet! Onward to some DX, now that I'm caught up: I have been having fun on 640 lately w/the demise of the Cuban. On 1/14, WQLS-640 heard nicely n/s/off & 645pm. Then shortly after, Guadeloupe heard w/fast-talk FF & Caribbean mix until 7pm. Strangest of all was tonight, 1/25, - was listening to KFI before 9pm SST! The eve of 1/16 produced some good Western UK, as it seemed somewhat AU. Heard was KCJL-980 L&C w/"public trustee renewal announcement" 6:09pm; KAKC-970 on top 6:20 with "country-gospel 970" & PSA. Over on 900, KIKR excellent 6:23-6:45 s/off w/Non, ads. KIKR-1010 fighting w/KLRA 3 6:44pm, & losing eventually (probably a power/pattern change about that time). Back on 1/13, WVEL-1140 heard first time w/BFL 5:17pm. Even further back, 1/12, WCKL-1130 heard good w/c 5:28pm until power/pattern change 35:30pm. And lo & behold, an honest-to-goodness TA heard on AM 1/18, with old friend (and un) WDR-1593 Langenburg very good 12:39-12:45 am w/GG Non, solo announcer. Verlos since last visit: v/l - WBDY-1190, WHEO-1279-TEST, WQDM-990-TEST, WSFT-1220, WNRG-940, KOKL-1240, (elseb/s); WBR-860 (Thanks, NEAL PERDUE); KILE-1490, WCKL-1130 & WVEL-1140. I forgot to mention WCKL's b/s - a real gem - looks like a "Levi's" jeans patch placed on a well-rounded posterior, hi. I'll close with that! 73's. (That's "the END"! -ERC)

## MIKE TUGGLE HAS HAD A STRUGGLE

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, MD - 21014 1/27/82  
 Tuesday 1/19 was the red-letter-day in my "career" with the Lyondyne crystal set: 500th logging case in the form of WOKY-920 WI 6:04-6:36pm w/MLX stuff & lots of IDs. There were mentions of a winter storm watch, so maybe they were still on day power/pattern; nice signals, & report taken. I hope they're of the verifying type - I have had better DX before, but never a 500th station on any RX, much less a crystal rig. Couple of years ago I'd have sworn it was impossible. In general the listening CX here tend to be spotty at best. One or two really sterling evenings interspersed amongst several weeks of the pits. Among other recent loggings are: CNEB-790 Cuba "R. Progreso" 1/18, 10:27-10:29pm overwhelming at times. Having heard 790 "C. Habana" some time back, I didn't see fit to count Progreso as a new station (which would have been #500). The Cuban scene has become volatile to the point of utter frustration. In fact, if one would like to accumulate a log of 5,000 or so stations within a year or two - try counting Cuban call sign changes! My sympathy, and appreciation, goes out to HOW SCHATZ in his noble effort to keep up with this mess. Also heard eve of 1/18 - a strong 1kHz het on WLS-890. I won't stick my neck out & speculate who this was, but will say fat chance of my ever getting any audio out of them - though I'm sure others probably did. (Mike: Try just as it is getting dark, before WLS has set in for the night - You may get a great thrill! -ERC) Recent days have been especially fine for FL stations up into this neck of the woods, 1/21 - WQSN-620 in fair & 10:17pm n/CAN. IDs, nice warm WY (disgusting, actually) and mention of Pinellas County. WGTO-547 an evening regular around 5:30pm w/their CAN & Paul Harvey. WNRG-790 in 1/22 5:42-5:45pm & 1/27 6-610pm with their fare of TLK, NX, & lots of ads. Finally, yesterday and today (1/27) WGBS-712 has managed to punch through WOR with their middle-aged ROK & IDs at around 5:45pm. First time heard here. 73's, all.

## MIKE SURE IS "TESTY"!

MIKE KNITTER - 2159 Circle Drive - Cambridge, WI - 53523 608-423-4159 1/25/82  
 Time to get a Muse out here. While typing this WLAC-1510 seems to be having trouble with their XR. Still too loud & strong to hear anyone else in there. Oh well, I can keep wishing they will go off the air! New station on the air out here is WBU-1199, KXL, AP NX, address: 3392 Brooks Drive, Sun Prairie, WI 53599. Also WOKY went to KXL but I'll let one of them there Milwaukee boys tell you about that one! 1/16 - I talked to JOHN RIEGER & BOB KIEL-CAREK, triplets, huh Bob! I got a CPC TEST in the mail too late for the DX NEWS, WYVE-1260 did a TEST on 1/18 12-12:30am - I hope some of you got a chance to hear that one! Does this CPC TEST count toward my free subscription to DX NEWS or does the TEST have to appear in print first? Speaking of CPC, - got another one in the mail this morning, WPLS-1350 - see front page for details. Other things: On 1570, 1/21-22, someone in w/T or het, anyone have any idea who this

(Mike Knitter, con'd.) guy is? 1400 kHz, someone with calls of WOOU has been heard here on and off for about two weeks. Help! Let me check my calculator here - this should appear about Feb. 15th, right, ERC? (Thou hast said it correctly! -ERC) If so, I hope my CPC TEST was heard, hi! Enough for now, I'll get another one of these out soon - H'mm, I've heard that before, hi! BYW!

## WIVK-840 SEEMS CONFUSED

THOMAS COMMATSER - Route 9 - Box 78 - Sevierville, TN - 37862 1/28/82  
 I certainly hope everyone enjoyed last week's history on how I got started in broadcasting and the history of WECO. With that behind, we can move on to things more current. First, WIVK-TN, I give up! I don't think THEY know what they're doing! They were last heard running a mix of ROK & C&W. They seem to want to rock, but the public wants them country. By the way, they were heard carrying ABC's Dimension Net, so they've switched networks, maybe, if they ever decide what to do I'll pass it along to the Club. I'd like to welcome PAUL BREWER to the Club; we could use a few more members from the Volunteer State. RICH LEVIN, I agree with your comments on WAVE. I can't stand their "97 Wave" IDs either. I wonder how WAVE-TV feels about this? NEAL PERDUE, your SS on 1540 is most likely KTKA ex- KMZX & a few other calls. And I see WOPI is still at it, ROBERT J. BINAU logged them on 15 minutes late on 2/28. Only one varie in since last time, v/l from WMM-AL. Also, only one new station added to the log over the last couple of weeks, WHUF-FL in 6 12:13am on 1/28 with mention of Wendy bunting Fla., then into rr. KFI has been noted again recently. Isn't it funny how you try for months, even years, to hear a station, then after you do, they start showing up repeatedly? Another one which has been heard several times recently is WABE-AL, they were heard on 1/28 @ 12:10am with the "Unforgettable" package and mention of "America Overnight" AN Satellite feed; ID is "The new 1480, WABE, Unforgettable." Well, we'll soon be moving into a new month, and that means good DXing at SS once again. Next projects here, preparation of a few tapes for friends, and reporting some of the daytimers I've been hearing. Next week will mark my first anniversary as an NHC member. For my first anniversary Muse, I'll re-intro myself and highlight my last year in DXing. Finally, I do hope other DXers will take JERRY STAR's advice and give us tours of their areas radio-wise in Musings. I'll try to cover a few areas of East TN on these pages in future issues. Interesting to read CHUCK HUTTON's report of what the Cubans are up to. If HOW SCHATZ can get this mess straightened out, I'd like to see an updated Cuban report. 73.

## PETER WAS A RADIO MAN, TOO

PETER TAYLOR - 2614 Jackson Street - San Francisco, CA - 94115  
 I missed the "Broadcasters or former Broadcasters" issue, so put this in any issue you want! Intro-wise, I am 47, former KFOG/WJLB/WKCR/NCAS GM, former WQAM/KVH DJ, currently am an advertising/PR firm owner and broadcasting consultant, am married to Kristine, and have a 14-week, 18-pound son, John. - am in KWCA KZDXRL PERC WTPDA WNRG and edit the IRCA DXWW-II column. Recently, during our big storm, KWBA-1199 was on late, even with KEX, & KTIM-1510 was flooded off for a couple of days. During the past three years, probably, my wife & I have taken some extensive trips; the ICF 6700W and cassette recorder have gone along. Basically, I DX from everywhere, and report similarly. And while I do have many IDs recorded during these trips, I do like to get QSLs. Fortunately, San Francisco has many resources for getting letters written in native languages. The Brazilian Consulate was quite helpful, & I finally got a QSL from ZYI774-1240, Recife, heard in Cape Town. The Danish Consulate gave me the name of a Esersk Line captain who spoke Faroese, and thanks to him, the Utværp Føroya-531 verlo came in. I met a clear at Safeway who spoke Mandarin and Cantonese, and she was good enough to write some of my letters for China and Taiwan. My next door neighbor is from Lebanon, and she wrote some letters in Arabic for me. And another friend wrote some SS letters which I sent to the Mexican stations I heard while in Cabo San Lucas. These letters, along with city post cards and mintstamps, have helped increase verlo returns (except to the Mexicans, hi!) However, it does take perseverance. Other equipment here is a Sony ICF 2001 (primarily for LW), several FM tuners, and an ICOM-780 1/3 1:02am for call letter change, and KEBR-1070 1/4 6:42pm mostly on XX. That's it for now. KERR of course is not the only Montana to receive a nice reception in the Bay Area (or, let's hear it for the World Champion 49ers!)

## DX HAS BEEN GOOD "ON THE PLAINS"

GERALD H. BARKOW - 29 Sedgefield Avenue - Morris Plains, NJ - 07950 Jan. 27, '82  
 Verlos in from WCLN-1170 & WBDI-1580 (v/l's) & a nice hand-written v/c from WQDM-1240. DX down the road: 1/13 - Very Auroral during a snowstorm. WRIC-560 briefly strong @ 5:18pm before WGTO took over. Unn WQX-990 unusually strong @ 5:38pm, ditto for WYOK-690 @ 5:50. Both WLIM-1580 & WJDN-1590 stayed on past their usual s/off providing snowstorm info. 1/15 - WQDM-1240 very strong and dominant for a Gyer for a good 20 minute copy 5:20-5:40pm. Per verlo from CE announcer probably forgot to cut back to nighttime power. MM 1/18 I tried for the WRW-1350 r/c and did hear a T2 12:02-12:09am but no ID's were discerned. I also caught someone signing off at 12:09 w/SSB, probably WQX. (WQX's v/l says they're NSP, Gerald! -ERC) I stayed on 1350 for the

(Gerald E. Barkow, con'd.) WBLT CPC TEST and heard periods of TT 12:26-12:54 a.m. when an ID was caught, "WBLT, Bedford, Virginia, testing." Their signal was very erratic, strong one minute, then almost gone the next, along with interference from WSLR and someone playing symphonic-type music. Unn WNTW-1550 ETing w/TT & oldies-rock mix ending @ 1:02am with an ID & mailing address. WBN-1050 was noted off this AM leaving CHUM in the clear. WKEW-1520 also was noted on SP with a TT heard but no IDs caught. WETT-1590 way up with no sign of WAKR but being bothered by a strong hat. 1/20- WGNW-1390 briefly surfaced at 5pm w/ID, then into UPI NK. 1/24- Unn KDA-850 in good with tele-talk @ 6:50am along with seldom-heard WEEU with the usually dominant WHDH running third. WENX-1520 caught at 5:56am s/on weekly under "KB" with the usual s/on info (studio location, etc.) folio by an instrumental version of "America, the Beautiful". 1/25- I tried for the WYNS-1150 r/c per list & a TT was heard 5:56-5:57am, but as usual, no IDs were heard.

CURTIS HEARS LOTS OF LA'S; CURTIS-EE OF AURORA

CURTIS D. ENGBERG - 80 Concord Road - Wayland, MA - 01778  
 The new year has seen a little improvement in CX or in my listening. 1/3- WCBG-1590 PA @ 4:35pm, then WFIF-1500 CT @ 4:38pm. 1/5- WCYL-1580 s/off @ 5pm. (Who's this, Curtis? -ERC) 1/11- CKSO-790 -WEAN @ 9:45pm. 1/13- Strong unID EE signal on 1215 likely England; Yugoslavia-1395 also coming in good at that time. 1/23- Aurora CX seemed to be the order of the day with two strong SSeS on 1210, no sign of WCAU, @ 6pm. However, Eastern Canadians were strong while U.S. clears were absent. CHTN-1190 all alone on that frequency as was CBI-1140. A strong IV on 1350 @ 6:30pm. 1/24- AU continued; VOA-1580 in very strong at times, sometimes down to same level as an SS. An unID FF on 1170 in/out w/SS stations. 1/25- still AU and even stronger. From 7:30 p.m. when I started dialing, LA's noted on 45 different channels. VOA-1580 in strong again, CKIM-1530 w/R. Moron ID, two strong SSeS alone on 1520, 1505, rarely heard here, was good at 7:50, strong unID LA's noted on 1471 & 1412, anyone know who? At 8:20pm, someone talking in FF over an SS on 1210, WBN-1050 totally absent, a strong EE on 995 from an SSE direction. I turned back just at 9pm, but missed the ID as they were announcing "and now the BBC World News at 12pm". Does anyone know who this is? Montserrat-885 in good, not often heard here, & a Cuban dominating 840. At 10:15pm an LA coming through on 695. 1/26- At 6:45pm TVNM-1000 ID as "R. Mundial '71". 1025 & 1035 splits so strong they were almost clear of WBZ hash. Two SSeS on 1040. Not much IDed, but very good listening. Keep up the good work, ERNIE!

BILL'S BETWEEN BROADCASTING JOBS

BILL BENGADANO - 39 KaFuFu Street - Staten Island, NY - 10314  
 I hope this makes the Jan. 25 deadline for those who are past or present members of the Broadcasting Club. The P.O. already returned it to me once - first they toss around IDXD, now my Muse. (Postmarked 1/22, rec'd 1/27, Bill - two days too late for last issue! -ERC) Anyhow, I am the former PD of WSEA(PM) which at the time was carrier-current, and now is on 88.9 mHz, with 10 watts (Jan.-June 1979), along with being a DJ two years of total inactivity followed, but, last July, I saw an ad for a DJ - in all places - my local paper! I phoned, made an appointment, had an audition, and was at WVRM(FM) in Hazlet, NJ, for a while. Although it's non-commercial, we could sell one hour blocks to anyone who would buy it as a "grant", you know, underwriting grants. Well, that was over in September, money was not enough. So, as of now, I'm subscribing to "Broadcasting". \$50 a year isn't cheap and I hope to land a job soon. As of now, I DX to stay busy, read the want ads, watch football - oh no, another eight months must pass before my favorite sport arrives again - after the baseball strike last year. - got totally fed up with the bunch of so-called "athletes" who are nothing more than prima-donnas. My only relief was watching the Yankees lose the Series - no offense, ERC, but I don't like the Dodgers, either. (I'm with you, Bill! -ERC) I still am a Baltimore Orioles fan, a real die-hard; remember the '66 Series, Baltimore four games, Dodgers 0? With all I've said, I'll still be tuned to the "Game of the Week". (How often is it on, Bill? -ERC)

SUMMARY OF UNREPORTED STATIONS

by Don Kaskey

The following chart lists the total number of stations in the USA and Canada and the volume they were last reported as being heard. Through V49 #14.

COUNTRY	V49	V48	V47	V46	V45	V44	V43	V42	Prior	Total
CANADA	215	89	32	9	11	3	6	2	42	409
U.S.A.	2169	1270	412	170	114	61	65	32	310	4603
TOTAL	2384	1359	444	179	125	64	71	34	352	5012

New stations that have taken the air since the last report (V49 #10 through #14) are:

AZ-1490-KBAS  
 GA-1400-WMOE  
 KY-1010-WBCE  
 OR-1400-WBCH (x-1380)

TM-810-WGTA  
 VA-940-WAMH (not positive 61)  
 WA-2420-KSQR  
 QU-540-CEGA-1

Continued on page 23

NOW LET'S HEAR FROM SOME OF OUR MEMBERS OUTSIDE OF THE U.S.A.

21  
 DX IS EXCITING IN NEW ZEALAND  
 DAVID RICQUISH - Chief EDITOR "NEW Zealand DX TIMES" - Box 2956 - Jan. 18, 1982  
 Wellington 6000, New Zealand

I see your issue for Feb. 15 is to feature non-USA members, so I thought I would muse now and allow two weeks for this letter to leave the sunny South Pacific and reach the frozen wastes of Massachusetts, hi! (Good thinking, David - this arrived 1/30, two days before the 2/1 deadline! -ERC) I visited my hometown, Christchurch, over Christmas/New Year and heard a few new stations on my Trico 9R59DSM with 1 metre loop. Anguilla-1610 GOS music from 0930 but better 1930-1030 on 12/30; KGSI-1600 "R. Mexicana" ads, ranchero mx, peaking very good 1047 1/1; KHOW is new call for KCRL-780, heard first on 1/8 with Joe/Standards 1015 mixing with WBBM who dominated with news. Male DJ gave ID at 1100 as "You're listening to Nevada's most powerful radio station, 50,000 watt KNOB on 780 in Reno." I had first foreign DX report for KCRL back in November 1970 so it will be interesting to see how the report on new call rates. I have an unID SS on 1590 heard 0930-0955 on 1/3, many mentions of slogan "Le musiques tropical", European style Latin/tango music. Could be an ME but just didn't sound like one, hi! This time of year is best for Yank reception, such as WMAN/KOFA/VOA Marathon all fighting it out on 1180 at 1230, but I guess it's also time for another DXpedition to hear anything really exotic. If you can't hear your local station, why not DX from Down Under as chances are you'll probably hear it better from 6,000 miles away, hi! I must away and write reports out to Samoa-540, Juan-702 & Singapore-792! I really enjoy reading usings, especially comments about postal rates - our domestic rate goes to 24¢ soon domestic airmail to 30¢ and 60¢ for each DX report that gets sent to the U.S. & Canada. New Zealand may be a good DX location but it costs a small fortune to send the reports off from these rather isolated islands in the Pacific. Ways con d10s and 73s. (What time zone do those above 24-hour times represent? -ERC)

WESTERN HEMISPHERE STATIONS ARE RARE IN HOLLAND

BEN PETERS - Lijnbaansgr. 318\*, 1017WZ Amsterdam, Holland Jan. 20, 1982  
 DXing in Europe is very interesting as there are so many different languages and programming contents receivable - the programs almost always not hampered by political influences as in the case on SW because they are meant for domestic use. Strangely enough envy I do sometimes DXers in North America for their Trans-Atlantic DX catches (No DX to me as I live next to most DX countries like Germany, France, etc.) mine being much more difficult due to the 50k limit when however as happened last week I'm able to receive St. Johns, Newfoundland, 25kw, 930 kHz on my gadget Tandy "Shack" headphones with built-in MW/FM RX it's real fun (my head + phones next to Hartens MW Loop, its "feedback" -amplifier aiding tremendous the selectivity of the Tandy MW/FM Phones of course). Also to hear a 1kw British clear on a channel normally dominated by a 200kw Berlin is real DX, made possible by ROM SCHATZ's "Cardioid" reprints, thanks also to other U.S. DX-Fellows for their articles which make DXing adventurous indeed. In the more or less far future I hope to make a DXpedition to the center of Holland where the land is sandy/dry to put a Beverage in the airy trees, the same future is hoped for to skill me enough to construct MARK CONNELLY's Phasing units as at the moment I have two left hands electronically speaking (hobby before this one has been "looking around"/profession =painter-artist.) Well, greetings to all DX-interested people, especially antennae experimenters. DX!

A BOOST FOR SATELLITE PROGRAMMING

BILL HALE - Box 4617 - 4BCRS - APD NY - 09179 Jan. 17, 1982 (Part II)  
 (con'd from last issue) Who cares, record companies, if the stations in all the Podunk country-wide "report" to a trade magazine or not. They have faithful listeners who want to hear (and will buy) those records. Or worry about the majority of announcers heard on small-market stations who can't make it through a 60-second WX-cast, let alone a five minute NWcoast, without tripping over the names of half the world leaders and your own mayor. Or if your staff will make it because of the big snow. Or if your top announcer will return from his vacation as you know he's looking for another job, and you can't come up with one reason for him to stay. More money, more watts, more listeners. All announcers have a "room to be in the morning drive slot at a 50,000 watt, and be #1. Believe me, I've seen it all, over & over, it really happens, DXers. It's not a definition of GREED, ERC, it's called SURVIVABILITY. Mr. Nolan, I hear ya talkin'. Sure, it's nice to get a reception report from someone well out of the coverage area. But most stations don't have the staff/budget to answer reports. Put yourself on the other side of the fence & you decide what course of action to take. I'll get down off my soapbox now & let someone else step up. But don't badmouth every station in every city (large or small) because they didn't respond to your report. For every reason you can name why they should respond, there are 25 why he can't/won't. Remember, paper, envelopes, stamps, OH's, stickers & whatnot all cost \$3.50. Maybe if some of these stations put in satellite-fed programming, in a while they'll start seeing some profits. & will readily respond to DX reports. Who knows, it might turn out to be a good thing in your mind, after all.

